JVC

SERVICE MANUAL

COLOUR TELEVISION

BASIC CHASSIS
CG

AV-K14T3/B

Supplementary

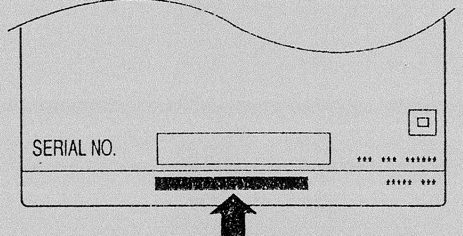
The following item for the AV-K14T3/B model was changed partly from AV-K14T3 model.
Therefore, this service manual describes only the items which differ from those of the AV-14F3 model service manual.
For details other than those described in this manual, please refer to the AV-14F3 model Service Manual (No.52026, JUN 2002.

■ OUTLINE

Since the picture tube was changed, we have issued the SERVICE MANUAL for AV-K14T3/B.

■ HOW TO IDENTIFY MODELS

Identify that the model name "AV-K14T3-B" is printed on the margin of the rating label affixed to the rear cover.



Indicated AV-K14T3-B

COPYRIGHT © 2002 VICTOR COMPANY OF JAPAN, LTD.

No.51668B
Jun. 2002

⚠	Symbol No.	Parts No.		Parts name	Description
		SCG-1014A-H2	**SCG-1228A-H2**		
	Q1161	2SC2412K/QR/-X	————		Delete
	Q1701	2SC2785/JH/-T	————		Delete
	K1701-04	CE41433-001Z	**BUS WIRE**		
	TH1901	CEKP002-003	**QAD0101-9R0**	THERMISTOR	
	TU1001	QAU0094-001	**QAU0094-002**	U/V TUNER	

- **ACKING PARTS LIST (Page 49)**

⚠	Ref. No.	Parts No.		Parts Name
		AV-K14T3	**AV-K14T3/B**	
⚠	6	LCT0585-001A-H	**LCT0585-001B-H**	INST BOOK

VICTOR COMPANY OF JAPAN, LIMITED
HOME AV NETWORK BUSINESS UNIT 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama, Kanagawa-prefecture, 221-8528, Japan

AV-14F3/AV-1435
AV-1435EE/AV-1435TEE
AV-14FMT3/AV-1438
AV-14FMG3/AV-14FMG3B

SPECIFICATIONS

ITEM		CONTENTS	
		AV-14F3 / AV-1435 AV-1435EE / AV-1435TEE	AV-14FMT3 / AV-1438 AV-14FMG3 / AV-14FMG3B AV-14FMG3/-A
Dimensions(W × H × D)		462mm × 340.5mm × 375mm	←
Mass		10kg	←
TV RF System		B/G, I, D/K	B/G, I, D/K,M
Colour System	RF Mode	PAL / SECAM	PAL / SECAM / NTSC3.58 / NTSC4.43
	VIDEO Mode	PAL / SECAM / NTSC3.58 / NTSC4.43	←
Teletext System		FLOP (Only for AV-1435TEE)	FLOP (Only for AV-14FMT3)
Picture Tube		Visible size: 34cm measured diagonally	←
High Voltage		22.5kV±1.5kV(at zero beam current)	←
Receiving Frequency	VHF (VL)	46.25MHz~168.25MHz	←
	VHF (VH)	175.25MHz~463.25MHz	←
	UHF	471.25MHz~863.25MHz	←
	CATV	Cable TVs of Mid (X-Z, S1-S10) Super (S11-S20) & Hyper (S21-S41) bands receivable	←
Intermediate Frequency	VIF Carrier	38.0MHz	←
	SIF Carrier	32.5MHz (5.5MHz) 31.5MHz (6.5MHz) 32.0MHz (6.0MHz)	32.5MHz(5.5MHz) /33.5MHz (4.5MHz) 31.5MHz (6.5MHz) 32.0MHz (6.0MHz)
Colour Sub Carrier Frequency		PAL (4.43MHz), SECAM (4.40625MHz / 4.25MHz) NTSC (3.58MHz / 4.43MHz)	←
Power Input	Rated Voltage	AC110~240V, 50 / 60Hz	←
Power Consumption		68W (Max) / 47W(Avg)	←
Speaker		5cm × 9 cm, Oval type × 2	←
Audio Output		2W (monaural)	←
Aerial Input Terminal		75Ω Unbalanced	←
Input	Video	1V(p-p), 75Ω (Front / Rear)	←
	Audio	500mV(rms) (-4dBs), High impedance, RCA × 2 (Front / Rear)	←
Output	Video	1V(p-p), 75Ω	←
	Audio	500mV(rms) (-4dBs), Low impedance,	←
Headphone jack		3.5mm mini jack	←
Remote Control Unit		[AV-14F3 / AV-1435 / AV-1435EE] : RM-C364GY [AV-1435TEE] : RM-C90 (Battery size : AA / R06 / UM-3 × 2)	[AV-14FMG3 / AV-14FMG3/-A / AV-1438] : RM-C364GY [AV-14FMG3B] : RM-C364 [AV-14FMT3] : RM-C90 (Battery size : AA / R06 / UM-3 × 2)

Design and specifications are subject to change without notice.

■ DIFFERENT PARTS LIST

● USING PW BOARD (Page 32)

MODEL / PWB ASS'Y	AV-K14T3	AV-K14T3/B
MAIN PWB	SCG-1014A-H2	SCG-1228A-H2

● EXPLODED VIEW PARTS LIST (Page 34)

⚠	Ref. No.	Parts No.		Parts Name
		AV-K14T3	AV-K14T3/B	
⚠	**V01**	A34JXV80X	A34AGT15X	PICTURE TUBE
⚠	**DY01**	CE20301-00A	CJ28325-00A	DEF. YOKE
⚠	**10**	LC20377-010A-H	LC20377-010B-H	RATING LABEL

● PRINTED WIRING BOARD PARTS LIST

MAIN P.W. BOARD ASS'Y (Page 36 - 39)

⚠	Symbol No.	Parts No.		Parts name	Description
		SCG-1014A-H2	SCG-1228A-H2		
	R1161	NRSA02J-102X	———		Delete
	R1162	NRSA02J-122X	———		↑
	R1163	NRSA02J-222X	———		↑
	R1164	NRSA02J-221X	———		↑
	R1165	NRSA02J-220X	———		↑
	R1166	NRSA02J-821X	———		↑
	R1313	NRSA02J-152X	**NRSA02J-102X**	MG R	1kΩ 1/10W J
	R1327	———	**NRSA02J-475X**	MG R	4.7MΩ 1/10W J
	R1341	NRSA02J-182X	**NRSA02J-332X**	MG R	3.3kΩ 1/10W J
	R1354-56	NRSA02J-391X	**NRSA02J-331X**	MG R	330kΩ 1/10W J
	R1366-68	NRSA02J-222X	**NRSA02J-182X**	MG R	1.8kΩ 1/10W J
	R1501	QRE121J-181Y	**QRE121J-221Y**	C R	220Ω 1/2W J
	R1524	QRL03EJ-560X	**QRL03EJ-680X**	OM R	68Ω 3W J
	R1529	QRG029J-121	**QRG029J-820**	OM R	82Ω 2W J
	R1578	———	**QRE141J-103Y**	C R	10kΩ W J
	R1581	QRE121J-562Y	**QRE121J-182Y**	C R	1.8kΩ 1/2W J
	R1582	NRSA02J-183X	**NRSA02J-273X**	MG R	27kΩ 1/10W J
	R1583	NRSA02J-183X	**NRSA02J-393X**	MG R	39kΩ 1/10W J
	R1652	NRSA02J-681X	**NRSA02J-102X**	MG R	1kΩ 1/10W J
	R1654	NRSA02J-3R3X	**NRSA02J-4R7X**	MG R	4.7Ω 1/10W J
	R1663	NRSA02J-103X	———	MG R	Delete
	R1664	———	**NRSA02J-221X**	MG R	220Ω 1/10W J
	R1665	———	**NRSA02J-103X**	MG R	10kΩ 1/10W J
	R1717	NRSA02J-273X	———		Delete
	R1740	NRSA02J-472X	**NRSA02J-392X**	MG R	3.9kΩ 1/10W J
	R1741	NRSA02J-222X	**NRSA02J-561X**	MG R	560Ω 1/10W J
	R1796	———	**NRSA02J-103X**	MG R	10kΩ 1/10W J
	R1797	———	**NRSA02J-153X**	MG R	15kΩ 1/10W J
	R1810	QRE121J-560Y	**QRG01GJ-560**	OM R	56Ω 1/10W J
	R1846	NRSA02J-103X	———	MG R	Delete
⚠	R1901	QRF074K-3R3	**QRF074K-4R7**	UNF R	4.7Ω 1/10W K
	R1926	NRSA02J-182X	**NRSA02J-222X**	MG R	2.2kΩ 1/10W J
	R1936	QRG01GJ-471	**QRG01GJ-561**	OM R	560Ω 1W J
	R1979	———	**NRSA02J-2R7X**	MG R	2.7Ω 1/10W J
	R1985	QRE121J-330Y	**QRE121J-120Y**	C R	12Ω 1/2W J
	C1111	NRSA02J-0R0X	———		Delete
	C1161	NCB21HK-103X	———		Delete
	C1164-65	NCB21HK-103X	———		↑
	C1166	NCB21HK-104X	———		↑
	C1303	NDC21HJ-8R0X	**NDC21HJ-100X**	CHIP CAP	10pF 50V J
	C1304	QETN1HM-474Z	**QFV71HJ-474Z**	TF CAP	0.47μF 50V J
	C1310	NDC21HJ-391X	**NDC21HJ-221X**	CHIP CAP	220pF 50V J
	C1312	QETN1HM-105Z	**QETN1HM-474Z**	E CAP	0.47μF 50V M
	C1323	QETN1HM-225Z	**QETN1HM-474Z**	E CAP	0.47μF 50V M
	C1354	NDC21HJ-331X	**NDC21HJ-271X**	CHIP CAP	270pF 50V J
	C1355	NDC21HJ-331X	**NDC21HJ-221X**	CHIP CAP	220pF 50V J
	C1356	NDC21HJ-391X	**NDC21HJ-331X**	CHIP CAP	330pF 50V J
	C1424	QFLC1HJ-392Z	**QFLC1HJ-103Z**	M CAP	01μF 50V J
	C1501	QETN1EM-476Z	**QETN1EM-107Z**	E CAP	100μF 25V M
⚠	C1525	QFZ0200-772	**QFZ0200-782**	MPP CAP	7800pF 1.5Kvh ±3%
	C1526	QTMN1HM-225Z	**QTMN1HM-337Z**	E CAP	330μF 50V M
	C1653	QEHR1EM-476Z	**QEHR1HM-106Z**	E CAP	10μF 35V M
	C1655	QEHR1EM-108Z	**QEHQ1VM-228**	E CAP	2200μF 35V M
	C1658	QETN1HM-106Z	**QETN1HM-226Z**	E CAP	22μF 50V M
	C1701	QETN1HM-106Z	———	E CAP	Delete
	C1716-17	———	**NDC21HJ-181X**	CHIP CAP	180pF 50V J
	C1718	———	**NDC21HJ-103X**	CHIP CAP	0.01μF 50V J
	C1720	———	**NDC21HJ-103X**	CHIP CAP	0.01μF 50V J
	C1722	NCB21HK-102X	**NCB21HK-101X**	CHIP CAP	100pF 50V K
	C1724	NDC21HJ-560X	———	CHIP CAP	Delete
	C1728-29	———	**NDC21HJ-181X**	CHIP CAP	180pF 50V J
	C1730	———	**NCB21HK-103X**	CHIP CAP	
	C1738	QETN1HM-106Z	**QETN1HM-226Z**	E CAP	22μF 50V M
	C1741-43	QETN1HM-105Z	**IM-BM**	BUS WIRE	
	C1744	———	**NCB21HK-103X**	CHIP CAP	0.01μF 50V K
	C1841	———	**NCB21HK-152X**	CHIP CAP	1500pF 50V K
	C1946	———	**QEHR1CM-477Z**	E CAP	470μF 16V M
	C1971	QETN1HM-475Z	**QETN1HM-225Z**	E CAP	2.2μF 50V M
	L1351-53	QQL0BJ-680Z	**QQL244R-470Z**	PEAKING COIL	
	D1102	1SS85-T2	**MA859-T2**	SI. DIODE	
	D1305	———	**RB100A-T2**	SI. DIODE	Addition
	D1342	———	**MA111-X**	SI.DIODE	Addition
	D1351-53	———	**MA3051/H/-X**	ZENER DIODE	Addition
	D1354-56	———	**MA111-X**	SI.DIODE	Addition
	D1581	MA3120/M/-X	**MA3200/M/-X**	ZENER DIODE	
	D1701	MA111-X	———	ZENER DIODE	Delete

SAFETY PRECAUTIONS

1. The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.

2. Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.

3. Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (⚠) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.

4. **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
   Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED(NEUTRAL) : (⏊) side GND and EARTH : (⏚) side GND. Don't short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND and never measure with a measuring apparatus (oscilloscope etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND at the same time.
   If above note will not be kept, a fuse or any parts will be broken.

5. If any repair has been made to the chassis, it is recommended that the B1 setting should be checked or adjusted (See ADJUSTMENT OF B1 POWER SUPPLY).

6. The high voltage applied to the picture tube must conform with that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.

7. Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10kΩ 2W resistor to the anode button.

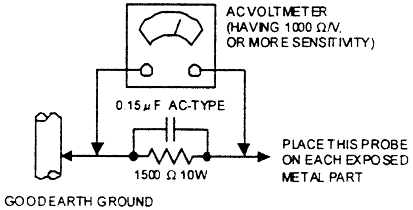
8. When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

9. **Isolation Check**
   (Safety for Electrical Shock Hazard)
   After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screwheads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

(1) **Dielectric Strength Test**
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second.
(. . . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)
This method of test requires a test equipment not generally found in the service trade.

(2) **Leakage Current Check**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

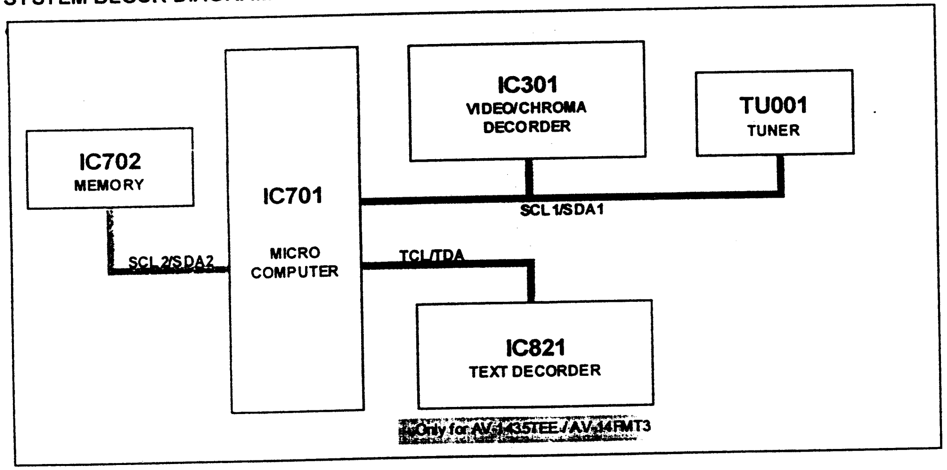
● **Alternate Check Method**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 ohms per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



FEATURES

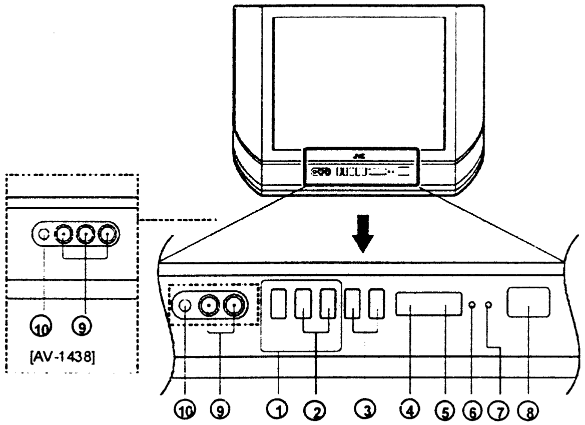
- New chassis design enables use of an interactive on-screen control.
- Wide range voltage (110V ~ 240V) AC power input.
- With AUDIO / VIDEO INPUT & OUTPUT terminal.
- MUTING button can reduce the audio level to zero instantly.
- Functional remote control to operate TV set (for channel select, volume control, power ON/OFF, etc.) from a distance.
- I^2C bus control utilizes single chip ICs for IF, V/C, DEF. VSM PRESET, PRESET & SETUP TOUR.
- By means of AUTO PROGRAM, the TV stations can be selected automatically and the TV channels can also be rearranged automatically.
- The TELETEXT SYSTEM has a built-in FLOP system. (Only for AV-1435TEE / AV-14FMT3)
- Built-in ECO MODE (ECONOMY, ECOLOGY)
  In accordance with the brightness in a room, the brightness and / of contrast of the picture can be adjusted automatically to make the optimum picture which is easy on the eye.
- Built - in ON TIMER, RETURN + & CHILD LOCK.

SYSTEM BLOCK DIAGRAM


IC702
MEMORY
IC701
MICRO
COMPUTER
IC301
VIDEO/CHROMA
DECORDER
TU001
TUNER
SCL1/SDA1
SCL2/SDA2
TCL/TDA
IC821
TEXT DECORDER
Only for AV-1435TEE / AV-14FMT3

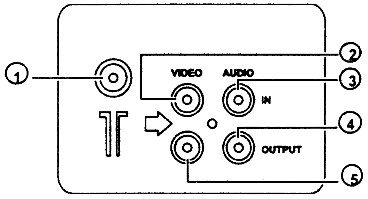
FUNCTIONS

■FRONT PANEL


[AV-1438]
⑩
⑨
⑩
⑨
①
②
③
④
⑤
⑥
⑦
⑧

① MENU buttons
② CHANNEL −/+ buttons
③ VOLUME −/+ buttons
④ AI ECO sensor
⑤ REMOTE CONTROL sensor
⑥ ON TIMER lamp
⑦ POWER lamp
⑧ MAIN POWER button
⑨ A/V INPUT terminal
⑩ HEADPHONE jack

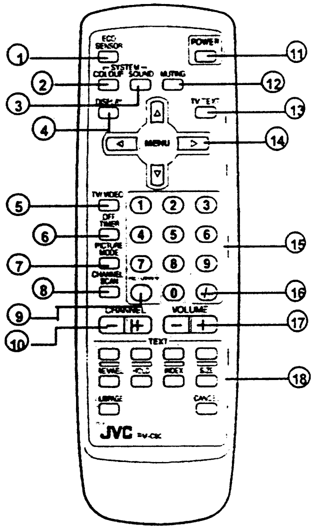
■REAR TERMINAL


①
②
③
④
⑤
VIDEO
AUDIO
IN
OUTPUT

① ANT Terminal
② VIDEO INPUT Terminal
③ VIDEO OUTPUT Terminal
④ AUDIO INPUT Terminal
⑤ AUDIO OUT PUT Terminal

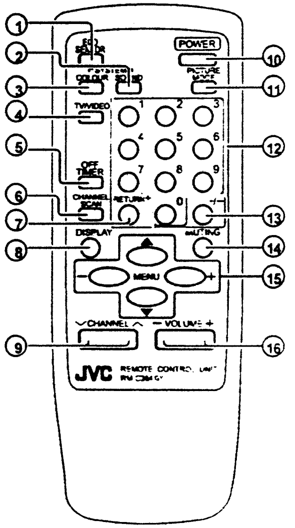
■ REMOTE CONTROL UNIT

RM-C90 : AV-1435TEE / AV-14FMT3


①
②
③
④
⑤
⑥
⑦
⑧
⑨
⑩
⑪
⑫
⑬
⑭
⑮
⑯
⑰
⑱
ECO SENSOR
POWER
SYSTEM
COLOUR
SOUND
MUTING
DISPLAY
TV/TEXT
MENU
TV/VIDEO
OFF TIMER
PICTURE MODE
CHANNEL SCAN
CHANNEL
VOLUME
TEXT
REVEAL
HOLD
INDEX
SIZE
CANCEL
JVC

- ① ECO SENSOR key
- ② COLOUR SYSTEM key
- ③ SOUND SYSTEM key
- ④ DISPLAY key
- ⑤ TV/VIDEO key
- ⑥ OFF TIMER key
- ⑦ PICTURE MODE key
- ⑧ CHANNEL SCAN key
- ⑨ RETURN+key
- ⑩ CHANNEL −/+ key
- ⑪ POWER key
- ⑫ MUTING key
- ⑬ TV/TEXT key
- ⑭ MENU key
  - MENU ▲/▼ key
  - MENU ◀/▶ key
- ⑮ Number (CH.) key
- ⑯ −/−−key
- ⑰ VOLUME −/+ key
- ⑱ Teletext key

RM-C364GY : AV-14F3 / AV-1435 / AV-1435EE / AV-1438 / AV-14FMG3 / AV-14FMG3/-A
RM-C364 : AV-14FMG3B


①
②
③
④
⑤
⑥
⑦
⑧
⑨
⑩
⑪
⑫
⑬
⑭
⑮
⑯
ECO SENSOR
POWER
SYSTEM
COLOUR
SOUND
PICTURE MODE
TV/VIDEO
1
2
3
4
5
6
7
8
9
0
OFF TIMER
CHANNEL SCAN
RETURN+
-/--
DISPLAY
MUTING
MENU
−
+
CHANNEL
− VOLUME +
JVC
REMOTE CONTROL UNIT
RM-C364GY

- ① ECO SENSOR key
- ② SOUND SYSTEM key
- ③ COLOUR SYSTEM key
- ④ TV/VIDEO key
- ⑤ OFF TIMER key
- ⑥ CHANNEL SCAN key
- ⑦ RETURN+key
- ⑧ DISPLAY key
- ⑨ CHANNEL key
- ⑩ POWER key
- ⑪ PICTURE MODE key
- ⑫ Number (CH.) key
- ⑬ −/−−key
- ⑭ MUTING key
- ⑮ MENU key
  - MENU ▲/▼ key
  - MENU −/+ key
- ⑯ VOLUME−/+ key

Except for difference in body colour, the Remote Control Unit RM-C364GY and RM-C364 have exactly the same Functions.

MAIN DIFFERENCE LIST

Part Name / Model Name	Main PWB	Remote Control Unit	Front Cabinet	Power Cord
AV-14F3	SCG-1401A-H2	RM-C364GY-1H	LC10831-022A-H	QMPR340-165-K2
AV-1435	SCG-1420A-H2	↑	LC10831-032A-H	↑
AV-1435EE	SCG-1418A-H2	↑	LC10831-024A-H	↑
AV-1435TEE	SCG-1419A-H2	RM-C90-1H	LC10831-026A-H	↑
AV-14FMT3	SCG-1404A-H2	↑	LC10831-023A-H	↑
AV-1438	SCG-1440A-H2	RM-C364GY-1H	LC10831-031A-H	↑
AV-14FMG3	SCG-1421A-H2	↑	LC10831-025A-H	↑
AV-14FMG3B	↑	RM-C364-1H	LC10831-029A-H	↑
Av-14FMG3/-A	↑	RM-C364GY-1H	LC10831-025A-H	QMPR380-165-K2

Part Name / Model Name	Inst Book	Digest Manual	Warranty Card	Rating Label
AV-14F3	LCT1188-001A-H	LCT1189-001A-H	———	LC20377-010B-H
AV-1435	↑	LCT1190-001A-H	———	LC20377-001B-H
AV-1435EE	LCT1195-001A-H	———	BT-54012-2	LC20377-009B-H
AV-1435TEE	↑	———	↑	↑
AV-14FMT3	LCT1174-001A-H	LCT1175-001A-H	———	LC20377-001B-H
AV-1438	LCT1188-001A-H	↑	———	GG20024-001A-H
AV-14FMG3	LCT1196-001A-H	LCT1197-001A-H	———	LC20377-001B-H
AV-14FMG3B	↑	↑	———	↑
Av-14FMG3/-A	↑	↑	———	LC20413-002B-H

Item / Model Name	TV RF System	Colour System [RF Mode]	Intermediate Frequency [SIF Carrier]	OSD Language
AV-14F3	B/G, I, D/K	PAL / SECAM	32.5MHz (5.5MHz) 31.5MHz (6.5MHz) 32.0MHz (6.0MHz)	E / R
AV-1435	↑	↑	↑	E / C / M / I
AV-1435EE	↑	↑	↑	E / R / U
AV-1435TEE	↑	↑	↑	
AV-14FMT3	B/G, I, D/K,M	PAL / SECAM NTSC3.58 / NTSC4.43	32.5MHz (5.5MHz) 33.5MHz (4.5MHz) 31.5MHz (6.5MHz) 32.0MHz (6.0MHz)	E / R / A / P
AV-1438	↑	↑	↑	E / C / M / I
AV-14FMG3	↑	↑	↑	E / R / A / P
AV-14FMG3B	↑	↑	↑	↑
Av-14FMG3/-A	↑	↑	↑	↑

SPECIFIC SERVICE INSTRUCTIONS

REMOVING THE REAR COVER

1. Unplug the power plug.
2. As shown in figure, remove the 4 screws marked Ⓐ and a screw marked Ⓑ ,Ⓒ .
3. Withdraw the rear cover toward you.

REMOVING THE MAIN PW BOARD

- After removing the rear cover.

1. Slightly raise the both sides of the MAIN PW BOARD by hand and remove the PWB stopper marked Ⓓ from the front cabinet.
2. Withdraw the MAIN PW BOARD backward.
   (If necessary, take off the wire clamp, connectors etc.)

REMOVING THE SPEAKER

- After removing the rear cover.

1. As shown in figure, remove the 2 screws marked Ⓔ .
2. Follow the same steps when removing the other hand speaker.

CHECKING THE MAIN PW BOARD

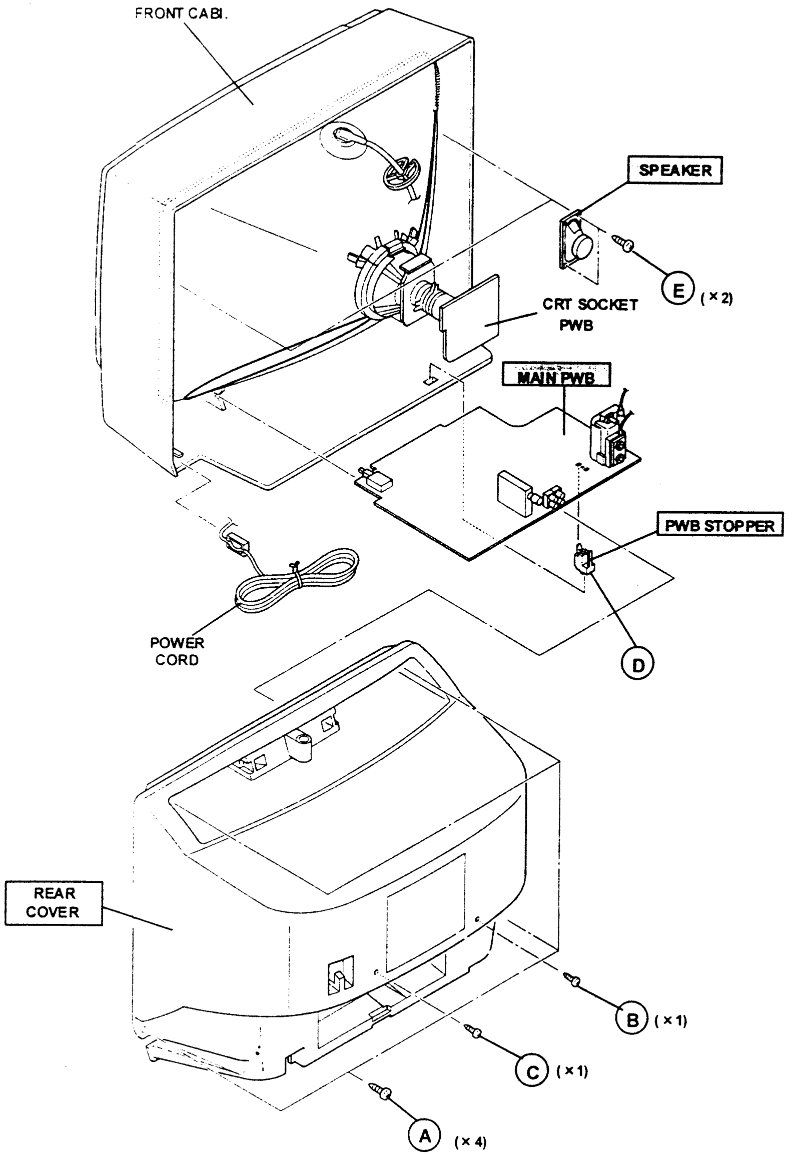
1. To check the back side of the PW Board.
   1) Pull out the MAIN PW Board. (Refer to REMOVING THE MAIN PW Board)
   2) Erect the PW Board vertically so that you can easily check the back side of the PW Board.

[CAUTION]

- When erecting the PW Board, be careful so that there will be no contacting with other PW Board.
- Before turning on power, make sure that the CRT earth wire and other connector are properly connected.

WIRE CLAMPING AND CABLE TYING

1. Be sure to clamp the wire.
2. Never remove the cable tie used for tying the wires together. Should it be inadvertently removed, be sure to tie the wires with a new cable tie.



REPLACEMENT OF MEMORY ICs

1. MEMORY ICs

This model uses memory ICs. This memory IC data are for proper operation of the video and deflection circuits.
When replacing memory ICs, be sure to use ICs written with the initial values of data.

2. PROCEDURE FOR REPLACING MEMORY ICs

(1) **Power off**
Switch the power off and disconnect the power plug from the wall outlet.

(2) **Replace ICs**
Be sure to use memory ICs written with the initial data values.

(3) **Power on**
Connect the power plug into the wall outlet and switch the power on.

(4) **Check and set SYSTEM CONSTANT SET**

· **It must not adjust without adjustment signals.**

1) Press the **DISPLAY** key and the **PICTURE MODE** key of the REMOTE CONTROL UNIT simultaneously.
2) The SERVICE MENU screen of Fig. 1 will be displayed.
3) While the SERVICE MENU is displayed, again press the **DISPLAY** key and **PICTURE MODE** key simultaneously, and the SYSTEM CONSTANT SET screen of Fig. 2 will be displayed.
4) Check the setting values of the SYSTEM CONSTANT SET of Table 1 If the value is different, select the setting item with the **MENU ▼/▲**key, and set the correct value with the **MENU - / +** key.
5) Press the **DISPLAY** key twice, and return to the normal screen.

(5) **Receive channel of setting**
Refer to the **OPERATING INSTRUCTIONS** and set the receive channels (channels preset) as described

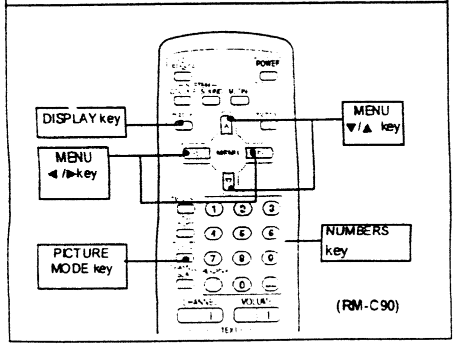
(6) **User Setting**
Check the user setting value of Table 2, and if setting value is different, set the correct value.
For setting, refer to the **OPERATING INSTRUCTIONS**.

(7) **Setting of SERVICE MENU**
Verify the setting items of the SERVICE MENU, and reset where necessary.
For setting, refer to the **SERVICE ADJUSTMENTS**.

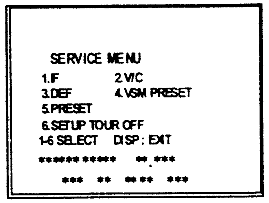
NOTE

Although the key position of the **RM-C90** remote control unit is different from that of the **RM-C364GY & RM-C354** remote control unit. the functions of both units are the same So please use the attached diagram for the **RM-C90** remote control unit for the **RM-C364GY & RM-C364**.
By the way. **MENU -/+** Key functions in the same manner as for ◄ /► key.

KEY ASSIGNMENT OF REMOTE CONTROL UNIT

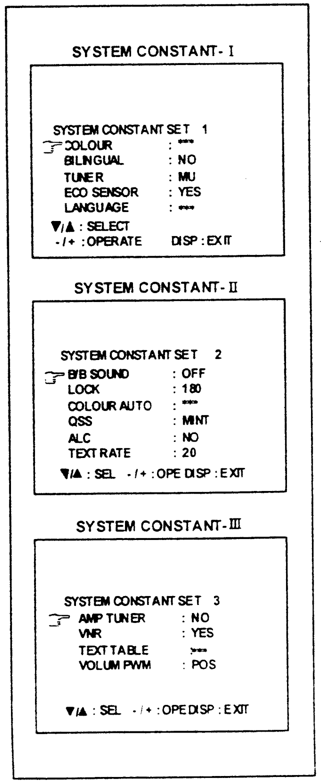


(RM-C90)



SERVICE MENU
1.IF 2.V/C
3.DEF 4.VSM PRESET
5.PRESET
6.SETUP TOUR OFF
1-6 SELECT DISP : EXIT
****** ***** **.***
*** ** **** ***

Fig.1



SYSTEM CONSTANT- I

SYSTEM CONSTANT SET 1
COLOUR : ***
BILINGUAL : NO
TUNER : MU
ECO SENSOR : YES
LANGUAGE : ***
▼/▲ : SELECT
-/+ : OPERATE DISP : EXIT

SYSTEM CONSTANT- II

SYSTEM CONSTANT SET 2
B/B SOUND : OFF
LOCK : 180
COLOUR AUTO : ***
QSS : MINT
ALC : NO
TEXT RATE : 20
▼/▲ : SEL -/+ : OPE DISP : EXIT

SYSTEM CONSTANT- III

SYSTEM CONSTANT SET 3
AMP TUNER : NO
VNR : YES
TEXT TABLE : ***
VOLUM PWM : POS
▼/▲ : SEL -/+ : OPE DISP : EXIT

Fig.2

SETTING OF SYSTEM CONSTANT SET

Setting item	Setting contents	Setting value								
		AV-14F3	AV-1435	AV-1435EE	AV-1435TEE	AV-14FMT3	AV-1438	AV-14FMG3	AV-14FMG3B	AV-14FMG3/-A
COLOUR	→MULTI →TRIPLE	TRIPLE	←	←	←	MULTI	←	←	←	←
BILINGUAL	→ YES → NO	NO	←	←	←	←	←	←	←	←
TUNER	→MU →MA	MU	←	←	←	←	←	←	←	←
AI ECO SENSOR	→ YES → NO	YES	←	←	←	←	←	←	←	←
LANGUAGE	→E/R/A/P →E/R E/C/M/I ← E/R/U ←	E/R	E/C/M/I	E/R/U	←	E/R/A/P	E/C/M/I	E/R/A/P	←	←
B/B SOUND	→ ON → OFF	OFF	←	←	←	←	←	←	←	ON
LOCK	YES ↔ 10 ↔ 20 ~ 250 ↔ 240 ↔ 230 ~	180	←	←	←	←	←	←	←	←
COLOUR AUTO	→ YES → NO	NO	←	←	←	←	←	←	←	YES
QSS	→MINT →MQSS	MINT	←	←	←	←	←	←	←	←
ALC	→ YES → NO	NO	←	←	←	←	←	←	←	←
TEXT RATE	10 ↔ 20 ↔ 40 ↔ 80	20	←	←	←	←	←	←	←	←
AMP TUNER	→ YES → NO	NO	←	←	←	←	←	←	←	←
VNR	→ YES → NO	YES	←	←	←	←	←	←	←	←
TEXT TABLE	→ ARA → CYL	CYL	←	←	←	ARA	CYL	←	←	←
VOLUM PWM	→ POS → NEG	POS	←	←	←	←	←	←	←	←

Table 1

USER SETTING VALUES

Setting item	Setting value	Setting item	Setting value
SUB POWER	ON	LANGUAGE	ENGLISH
CHANNEL POSITION	1 POSITION	CHANNEL PRESET	Refer to OPERATING INSTRUCTION
VOLUME	About 10	AI ECO SENSOR	OFF
TV/VIDEO	TV	VNR	OFF
ON SCREEN DISPLAY	POSITION INDICATION	AUTO SHUTOFF	OFF
COLOUR SYSTEM	PAL	ON TIMER	PR1 0:00
SOUND SYSTEM	B / G	BLUE BACK	OFF
OFF TIMER	OFF OSD. Shows 00	CHILD LOCK	OFF
PICTURE MODE (VSM)	BRIGHT	SETUP TOUR	ON

Table 2

INITIAL SETTING VALUE OF SERVICE MENU

1. Adjustment of the SERVICE MENU is made on the basis of the initial setting values ; however, the new setting values which set the screen in its optimum condition may differ from the initial setting.
2. Do not change the initial Setting Values of the Setting (Adjustment) items not listed In "ADJUSTMENT".

2. V/C

Setting item / Colour system			Variable range	Initial setting value			
				PAL	SECAM	NTSC 3.58	NTSC 4.43
1. CUT OFF	RED GREEN BLUE		-128～+127	-50	←	←	←
2. DRIVE	RED BLUE		-128～+127	0	←	←	←
3. BRIGHT			-127～+127	0	←	←	←
4. CONT.			-63～+63	0	←	←	←
5. COLOUR			-63～+63	0	←	←	←
6. TINT	TV		-63～+63	—	—	0	0
	VIDEO	AV-14F3 AV-1435 AV-1435EE		—	—	0	0
		AV-1435TEE AV-14FMT3 AV-1438 AV-14FMG3 AV-14FMG3B AV-14FMG3/-A		—	—	+5	0
7. SECAM BL ADJ.			-31～+31	0	←	←	←
8. SHARP Do Not Adj	TV VIDEO		-32～+31	- 17(Fixed) +10(Fixed)	←	←	←

3. DEFLECTION

Setting item	Variable range	Initial setting value	
		fv : 50Hz MODE	fv : 60Hz MODE
1. VER. POSITION	-04 ~ +03	0	- 3
2. HOR. POSITION	-16 ~ +15	+1	+ 4
3. VER. HEIGHT	-64 ~ +63	-20	- 2
4. VER. LINEARITY	-32 ~ +31	+15	0
5. VER. SWCURVE	-32 ~ +31	-32	0
6. HOR. VCO ADJUST Do Not Adj	-63 ~ +62	0	0

4. VSM PRESET

VSM Setting item / VSM preset mode	BRIGHT	STANDARD	SOFT
TINT SETTING VALUE	+15	←	←
COLOUR SETTING VALUE	+15	←	←
BRIGHT SETTING VALUE	+15	←	←
CONT. SETTING VALUE	+30	+15	+13
SHARP SETTING VALUE	+15	←	+12

---

5. PRESET

The items in the following table, it is no requirement for adjustment.
If values had changed by the miss operation, set the initial setting values in the following table.

Colour System Do Not Adjust

Setting item		Initial setting value (Fixed value)			
		PAL	SECAM	NTSC 3.58	NTSC 4.43
1. C TRAP FIX		1	1	1	1
2. SHARP PEAK		0	0	0	0
3. ABL		1	1	1	1
4. GAMMA		0	0	0	0
5. Y. DELAY TIME	TV	0	2	2	3
	VIDEO	0	2	0	2
6. BLACK EXP START		+3	+3	+3	+3
7. C-BPF	TV	1	1	0	0
	VIDEO	1	1	1	1
8. CW/ SCP		0	0	0	0
9. VIF DET LEVEL		0	0	0	0
11. IF AGC MIN		0	0	0	0
12. VIF AGC		0	0	0	0
13. VIF PMOD		0	0	0	0
19. VNR		15	15	15	15
20. RGB LIM		1	1	1	1
21. RGB LIMIT LEVEL		2	2	2	2
23. TEXT H. POSITION		-3	-3	-3	-3
24. READ DATA		—	—	—	—

Sound System Do Not Adjust

Setting item	B/G	I	D/K	M
10. SIF DET LEVEL	+0	+0	+0	+0
14. SIF BPF BW ADJUST	+0	+0	+0	+0
15. SIF TRAP FO ADJUST	+0	+0	+0	+0
16. SIF TRAP FO ADJUST 2	+0	+0	+0	+0
17. SIF -TRAP	0	0	0	0
18. SIF -BPF	1	0	0	0
22. SIF SW	0	1	1	1

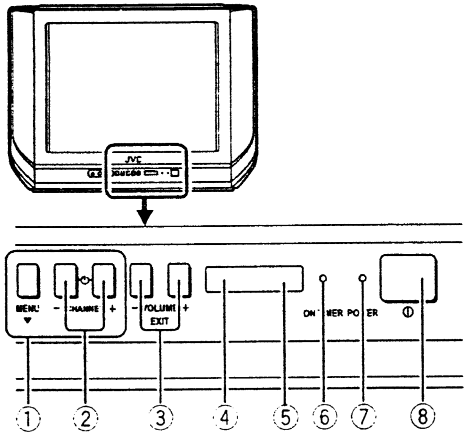
REPLACEMENT OF IC301 (IF V/C DECODER)

- For the IC301(IF V/C DECODER) of this model, all data are written in the micro-computer. So, write the data in the micro-computer in accordance with the following procedures before starting adjustment.

PROCEDURES

(1) Turn the POWER OFF.
(2) Replace the IC301 with a new one.
(3) While pressing MENU button and VOL+ button ON the FRONT CABINET simultaneously turn the POWER ON. When the POWER is turned ON, the data is written in the micro-computer immediately.

LOCATIONS OF FRONT PANEL BUTTONS AND LAMPS



①	MENU buttons
②	CHANNEL −/+buttons (MENU −/+buttons)
③	VOLUME −/+ buttons (MENU −/+ buttons)
④	AI ECO sensor
⑤	REMOTE CONTROL sensor
⑥	ON TIMER lamp
⑦	POWER lamp
⑧	MAIN POWER button

SERVICE ADJUSTMENTS

BEFORE STARTING SERVICE ADJUSTMENT

1. There are 2 way of adjusting this TV: One is with the REMOTE CONTROL UNIT and the other is the conventional method using adjustment parts and components.
2. The adjustment with the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to its optimum condition may differ from the initial setting values.
3. Make sure that connection is correctly made to AC power source.
4. Turn on the power of the set and equipment before use, and start the adjustment procedures after waiting at least 30 minutes.
5. Unless otherwise specified, prepare the most suitable reception or input signal for adjustment.
6. **Never touch any adjustment parts, which are not specifie in the list for this adjustment VRs, transforms, condensers etc.**
7. Preparation for adjustment
   Unless otherwise specified in the adjustment instructions, prese the following functions with the REMOTE CONTROL UNIT.
   User mode position

PICTURE MODE (VSM)	BRIGHT
VNR	OFF
TINT / COLOUR / BRIGHT CONT. / SHARP	CENTER
BLUE BACK	OFF
OFF TIMER	OFF
AI ECO SENSOR	OFF
AUTO SHUT OFF	OFF

MEASURING INSTRUMENT AND FIXTURES

1. DC voltmeter (or digital voltmeter)
2. Oscilloscope
3. Signal generator (Pattern generator) [PAL / SECAM / NTSC]
4. Remote control unit

ADJUSTMENT ITEMS

Adjustment item	Adjustment item
B1 POWER SUPPLY	DEFLECTION circuit adjustment
FOCUS adjustment	VSM PRESET setting
IF circuit adjustment	PURITY/ CONVERGENCE adjustment
V/C (Video / Chroma) circuit adjustment	

BASIC OPERATION OF SERVICE MENU

- ***The adjustment using SERVICE MENU***

The following adjustment items use the SERVICE MENU in the series of the adjustment. The adjustments are made on the basis of the initial setting values. The adjustment values which adjust the screen to the optimum condition can be different from the initial setting values.
With the SERVICE MENU, various settings can be made, and they are broadly classified in the following items of settings.

1.IF	Adjustment of the IF circuits.
2.V/C	Adjustment of the VIDEO/CHROMA circuit.
3.DEF	Adjustment of the DEFLECTION circuit.
4.VSM PRESET	Adjustment of the initial setting values of VSM condition as STANDARD, SOFT and BRIGHT. (VSM : Video Status Memory)
5.PRESET	Adjustment of the RF circuit [Do not adjust].
6.SETUP TOUR OFF	It should be able to select mode (LANGUAGE and AUTO CH PRESET). [Should be OFF].

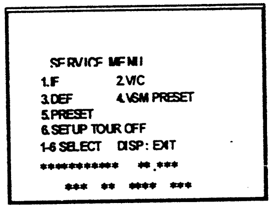
- **Key operation of the SERVICE MENU**

[Enter to SERVICE MENU]
Press the **DISPLAY** key and the **PICTURE MODE** key of the REMOTE CONTROL UNIT simultaneously. Then enter the SERVICE MENU mode as shown in Fig.1.

[Exit from SERVICE MENU]
When complete the adjustment work, press the **DISPLAY** key to return to the SERVICE MENU.
And then press the **DISPLAY** key again, return to the normal screen.

[Select from SERVICE MENU]
In SERVICE MENU, press the number (1~6) key of the remote control unit, to select any of the adjustment items.
The colours which selected item characters are changed.

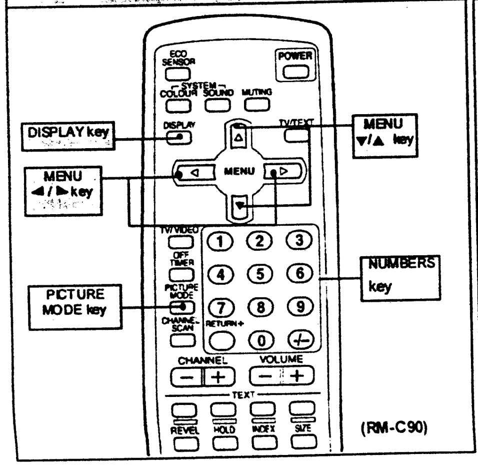
SERVICE MENU



```
SERVICE MENU
1.IF          2.V/C
3.DEF         4.VSM PRESET
5.PRESET
6.SETUP TOUR OFF
1-6 SELECT    DISP : EXIT
************  **.***
   ***  **  ****  ***
```

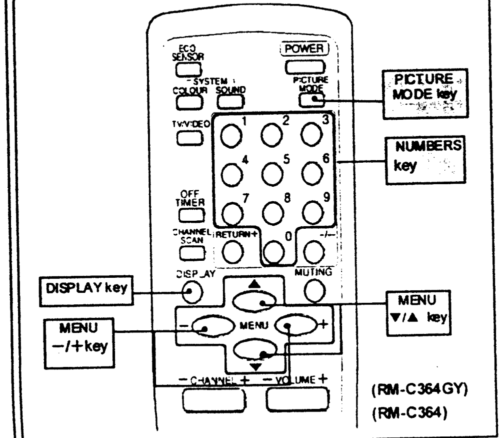
Fig.1

KEY ASSIGNMENT OF REMOTE CONTROL UNIT


ECO SENSOR
POWER
SYSTEM
COLOUR
SOUND
MUTING
DISPLAY
TV/TEXT
DISPLAY key
MENU ▼/▲ key
MENU ◄/►key
MENU
TV/VIDEO
OFF TIMER
PICTURE MODE
CHANNEL SCAN
RETURN+
1 2 3 4 5 6 7 8 9 0 -/--
NUMBERS key
PICTURE MODE key
CHANNEL
VOLUME
TEXT
REVEL
HOLD
INDEX
SIZE

(RM-C90)

KEY ASSIGNMENT OF REMOTE CONTROL UNIT


ECO SENSOR
POWER
SYSTEM
COLOUR
SOUND
PICTURE MODE
PICTURE MODE key
TV/VIDEO
1 2 3 4 5 6 7 8 9 0 -/--
NUMBERS key
OFF TIMER
CHANNEL SCAN
RETURN+
DISPLAY
MUTING
DISPLAY key
MENU
MENU ▼/▲ key
MENU −/+key
− CHANNEL +
− VOLUME +

(RM-C364GY)
(RM-C364)

Except for difference in body colour, the Remote Control Unit RM-C364GY and RM-C364 have exactly the same Functions.

[Method of setting]

1. IF

[1. VCO]

① 1 Key	Select 1.IF.
② 1 Key	Select 1.VCO
③ The VCO (CW) screen will be displayed a allow mark when the AFC voltage is at a certain level.	
④ DISPLAY Key	As you press this key twice, you will return to the **SERVICE MENU**.

[2. DELAY POINT]

① 1 Key	Select 1.IF.
② 2 Key	Select 2.DELAY POINT.
③ MENU -/+ Key	Set (adjust) the setting values of the setting items.
④ DISPLAY Key	When this is pressed twice, you will return to the **SERVICE MENU**.

2.V/C, 3.DEF and 4.VSM PRESET

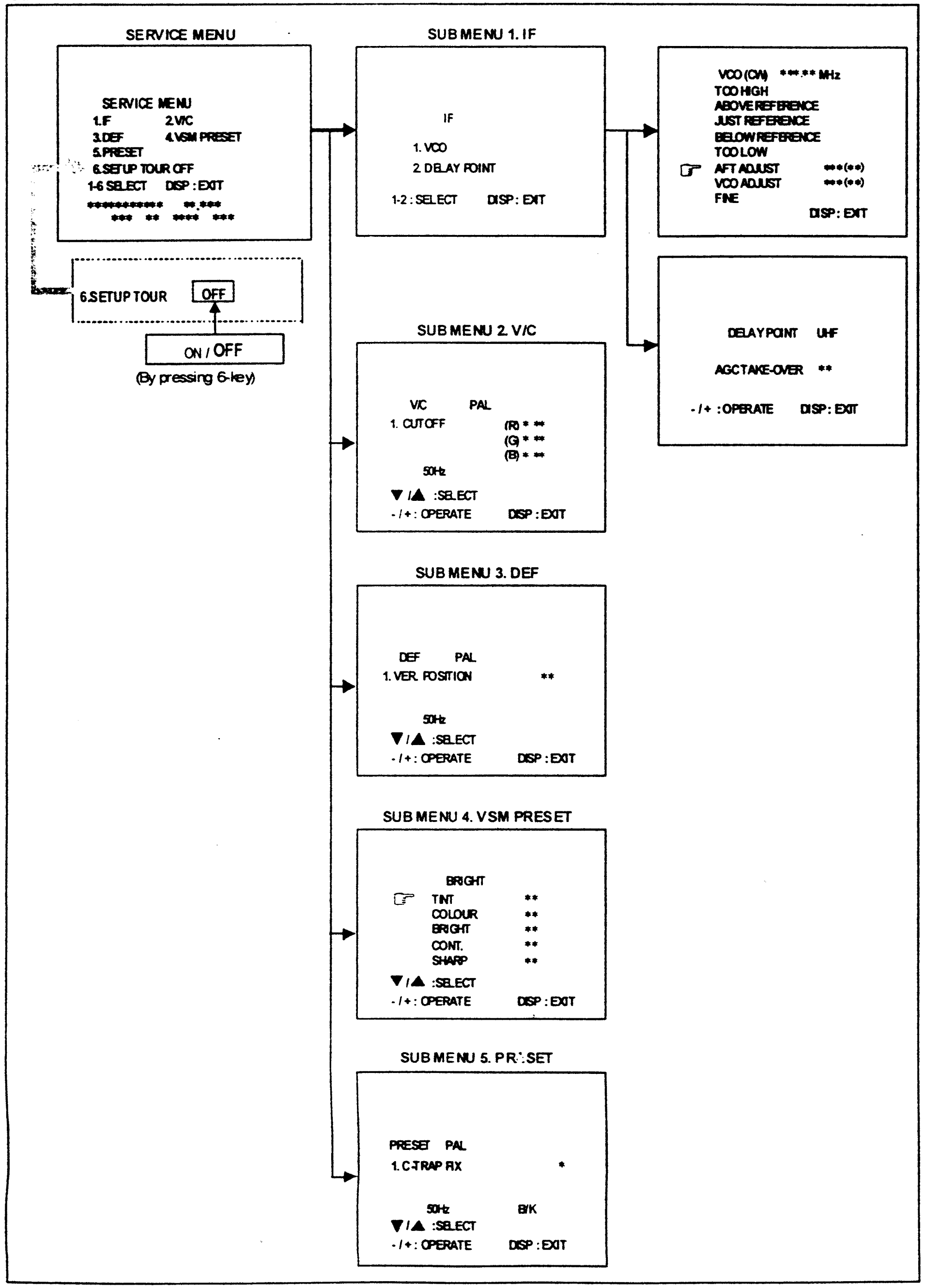
① 2~4Key	Select one from 2. V/C, 3. DEF and 4. VSM PRESET.
② MENU ▼/▲ Key	Select setting items.
③ MENU -/+ Key	Adjust the values of the items.
④ DISPLAY Key	When this is pressed, return to the SERVICE MENU.

6.SETUP TOUR

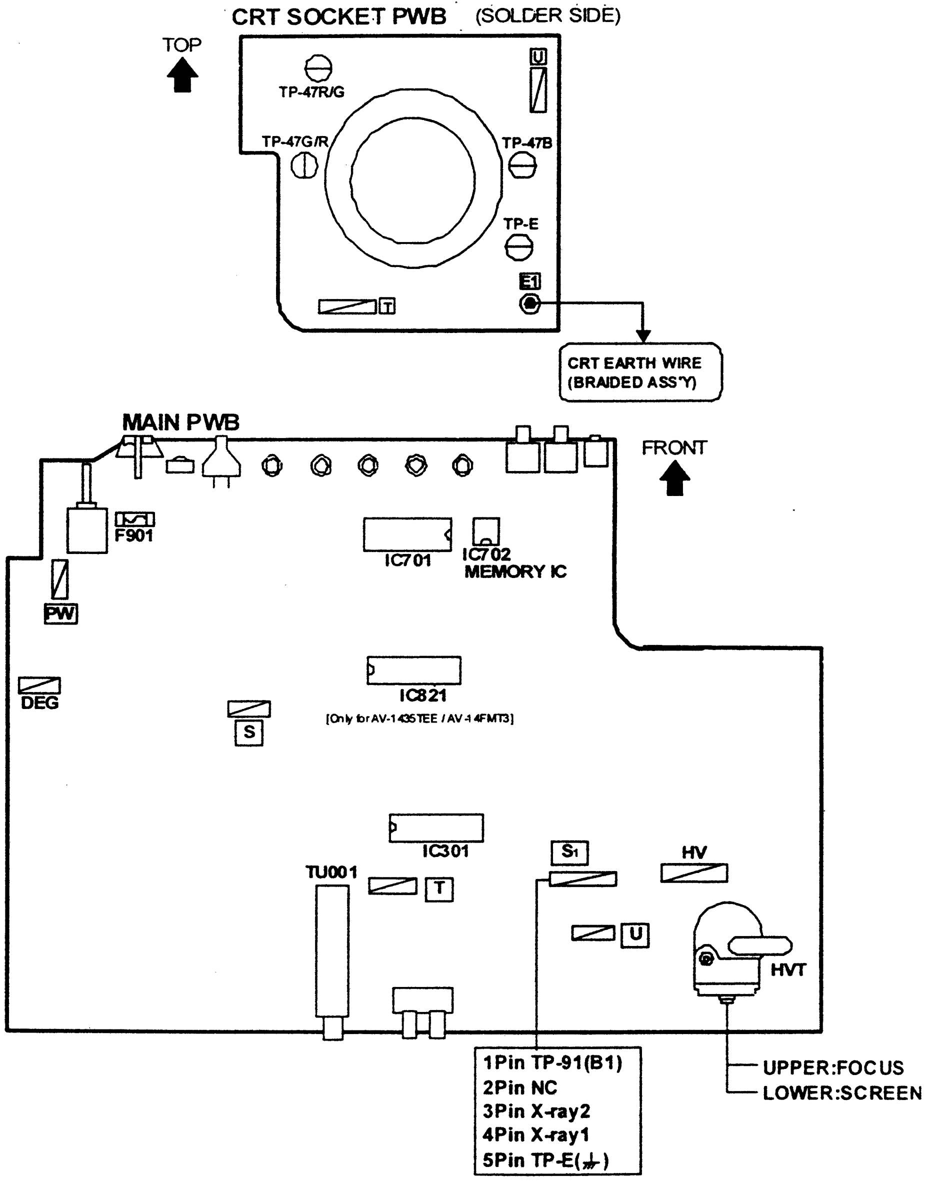
① By pressing the 6 key, you can change the ON or OFF (should be OFF).
(Should be OFF)
* · If it is ON, then you turn the TV power off. when you are turn the TV power on again. The JVC's logo will be shown about 15 seconds automatically.

② MENU -/+ Key	Select Language.
③ MENU ▼ Key	Auto Search.

SERVICE MENU FLOW CHART


SERVICE MENU
SERVICE MENU
1.IF 2.V/C
3.DEF 4.VSM PRESET
5.PRESET
6.SETUP TOUR OFF
1-6 SELECT DISP : EXIT
*********** **.***
*** ** **** ***
6.SETUP TOUR OFF
ON / OFF
(By pressing 6-key)
SUB MENU 1. IF
IF
1. VCO
2. DELAY POINT
1-2 : SELECT DISP : EXIT
VCO (CW) ***.** MHz
TOO HIGH
ABOVE REFERENCE
JUST REFERENCE
BELOW REFERENCE
TOO LOW
☞ AFT ADJUST ***(**)
VCO ADJUST ***(**)
FINE
DISP : EXIT
DELAY POINT UHF
AGC TAKE-OVER **
- / + : OPERATE DISP : EXIT
SUB MENU 2. V/C
V/C PAL
1. CUTOFF (R) * **
(G) * **
(B) * **
50Hz
▼/▲ :SELECT
- / + : OPERATE DISP : EXIT
SUB MENU 3. DEF
DEF PAL
1. VER. POSITION **
50Hz
▼/▲ :SELECT
- / + : OPERATE DISP : EXIT
SUB MENU 4. VSM PRESET
BRIGHT
☞ TINT **
COLOUR **
BRIGHT **
CONT. **
SHARP **
▼/▲ :SELECT
- / + : OPERATE DISP : EXIT
SUB MENU 5. PRESET
PRESET PAL
1. C-TRAP FIX *
50Hz B/K
▼/▲ :SELECT
- / + : OPERATE DISP : EXIT

ADJUSTMENT LOCATIONS


CRT SOCKET PWB (SOLDER SIDE)
TOP
TP-47R/G
U
TP-47G/R
TP-47B
TP-E
E1
T
CRT EARTH WIRE
(BRAIDED ASS'Y)
MAIN PWB
FRONT
F901
IC701
IC702
MEMORY IC
PW
IC821
[Only for AV-1435TEE / AV-14FMT3]
DEG
S
IC301
TU001
S1
HV
T
U
HVT
1Pin TP-91(B1)
2Pin NC
3Pin X-ray2
4Pin X-ray1
5Pin TP-E(⏚)
UPPER:FOCUS
LOWER:SCREEN

ADJUSTMENTS

B1 POWER SUPPLY

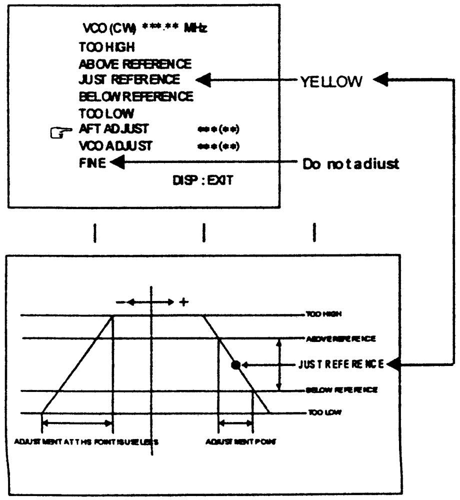
Item	Measuring instrument	Test point	Adjustment part	Description
Check of B1 Power Supply	Signal generator DC Volt-meter	TP-91 (B1) TP-E (⊥)		1. Input a whole black signal. 2. Connect a DC voltmeter to TP-91(B1) and TP-E (⊥). 3. Make sure that the voltage is DC116.5±2.0V.

FOCUS ADJUSTMENT

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of FOCUS	Signal generator		FOCUS VR [In HVT]	1. Input a cross-hatch signal. 2. While watching the screen, adjust the FOCUS VR to make the vertical and horizontal lines as fine and sharp as possible. 3. Make sure that when the screen is darkened, the lines remain in good focus.

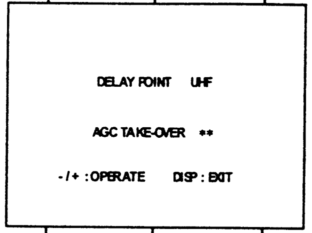
IF CIRCUIT ADJUSTMENT

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of VCO (CW)	Signal generator Remote control unit		1. VCO	●Please use signal generator which is correct proof about the sending frequency. 1. Input the PAL full colour bar (210.25MHz) signal. 2. Enter the SERVICE MENU. 3. Select 1.IF from the SERVICE MENU. 4. Press 1 key and select 1.VCO. 5. Select **VCO ADJUST** with MENU ▲/▼ key. 6. Press MENU -/+ key until the colour of the characters TOO HIGH changes blue to yellow. Then gradually press the MENU -/+ key until the TOO LOW changes yellow. At this time, confirm that the value of **VCO ADJUST** is near +00. 7. Select **AFT ADJUST** with MENU ▲/▼ key. 8. Press MENU -/+ key until the characters JUST REFERENCE changes blue to yellow. 9. Press the **DISPLAY** key three times to return to normal screen.



VCO (CW) ***.** MHz
TOO HIGH
ABOVE REFERENCE
JUST REFERENCE
BELOW REFERENCE
TOO LOW
☞ AFT ADJUST ●●●(●●)
VCO ADJUST ●●●(●●)
FINE
DISP : EXIT

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of DELAY POINT (AGC)	Signal generator Remote control unit		DELAY POINT (AGC TAKE-OVER)	1. Input a black and white signal (colour off). 2. Enter the SERVICE MENU. 3. Select **1. IF** from the SERVICE MENU. 4. Select **2. DELAY POINT** by pressing the **2** key on the remote control unit. 5. Set the setting values of the setting items as shown bellow table. 6. Then adjust the MENU - or + key until video noise disappears. 7. Turn to other channels and make sure that there are no irregularities.



DELAY POINT UHF

AGC TAKE-OVER **

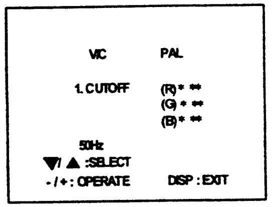
-/+ :OPERATE DISP : EXIT

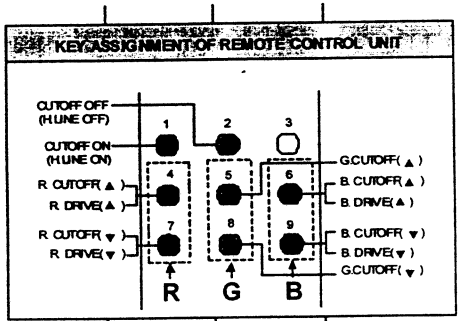
Setting Item		Variable range	Initial setting value
			MATSUSHITA (QAU0287-001)
DELAY POINT (AGC TAKE OVER)	NTSC 3.58	0~127	45
	OTHER		35

VIDEO / CHROMA CIRCUIT ADJUSTMENT

The setting (adjustment) using the REMOTE CONTROL UNIT is made on the basis of the initial setting values.
The setting values which adjust the screen to the optimum condition can be different from the initial setting values.
Do not change the initial setting values of the setting items not listed in "ADJUSTMENT".

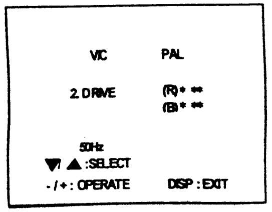
Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of WHITE BALANCE (Low light)	**Signal generator** **Remote control unit**		1. CUT OFF (R) CUT OFF (G) CUT OFF (B) SCREEN VR [IN HVT]	1. Input a black and white signal (colour off). 2. Enter the SERVICE MENU 3. Select **2. V/C** from the SERVICE MENU, then select **1. CUT OFF** (R), (G) and (B). 4. Set each value to initial setting value with 4~9 keys of the remote control unit. 5. Press the **1** key of the remote control unit to show the single horizontal line on screen. 6. Turn the **SCREEN VR** fully counter-clockwise, then slowly turn it clockwise to where one of a red, blue or green colour is faintly visible. 7. Use keys **4~9** of the remote control unit and adjust the other 2 colours which except the appeared colour to where the single horizontal line appears white. 8. Turn the **SCREEN VR** to where the single horizontal line glows faintly. 9. Press the **2** key to turn off the single horizontal line. 10. Press the DISPLAY key twice to return to the normal screen.





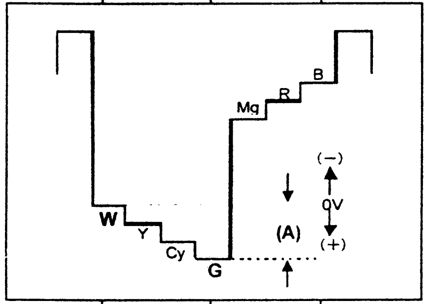
Adjustment item		Variable range	Initial setting value
1. CUT OFF	R	-128~+127	-50
	G	-128~+127	-50
	B	-128~+127	-50

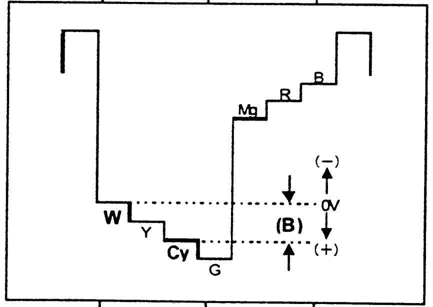
Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of WHITE BALANCE (High light)	**Signal generator** **Remote control unit**		2. DRIVE (R) DRIVE (B)	1. Input a black and white signal (colour off). 2. Enter the SERVICE MENU. 3. Select **2. V/C** from the SERVICE MENU. 4. Select **2. DRIVE** (R) / (B) with MENU ▼/▲ key, and set each value to initial setting value with 4 and 7 or 6 and 9 keys of the remote control unit. 5. Use the keys 4 and 7 or 6 and 9 to produce a white screen 6. Press the DISPLAY key twice to return to the nomal screen.



Adjustment item		Variable range	Initial setting value
2. DRIVE	R	-128~+127	+0
	B	-128~+127	+0

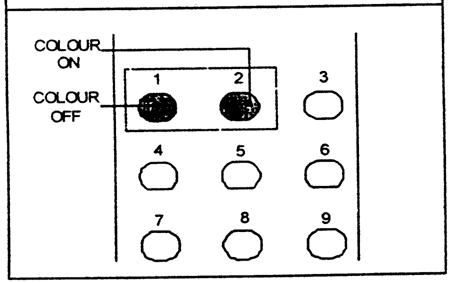
Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of SUB BRIGHT	**Remote control unit**		3. BRIGHT	1. Receive any broadcast. 2. Enter the SERVICE MENU. 3. Select **2. V/C** from SERVICE MENU. 4. Select **3. BRIGHT** with the MENU ▼/▲ key. 5. Set the initial setting value with the MENU - / + key. 6. If the brightness is not the best with the initial set value, make fine adjustment until you get the best brightness.
Adjustment of SUB CONT.	**Remote control unit**		4. CONT.	1. Receive any broadcast. 2. Enter the SERVICE MENU. 3. Select **2. V/C** from SERVICE MENU. 4. Select **4. CONT.** with the MENU ▼/▲ key. 5. Set the initial setting value with the MENU - / + key. 6. If the contrast is not the best with the initial set value, make fine adjustment until you get the best contrast.
Adjustment of SUB COLOUR I	**Remote control unit**		5. COLOUR	**[Method of adjustment without measuring instrument]**
			PAL COLOUR	1. Receive a PAL broadcast. 2. Enter the SERVICE MENU. 3. Select **2. V/C** from the SERVICE MENU. 4. Select **5. COLOUR** with the MENU ▼/▲ key. 5. Set the initial setting value for PAL COLOUR with the MENU - / + key. 6. If the colour is not the best with the initial set value, make fine adjustment until you get the best colour.
			SECAM COLOUR	1. Receive a SECAM broadcast. 2. Make fine adjustment of SECAM COLOUR as previously.
			NTSC 3.58 COLOUR	1. Receive a NTSC 3.58MHz broadcast. 2. Make similar fine adjustment of NTSC 3.58 COLOUR as previously.
			NTSC 4.43 COLOUR	When NTSC 3.58 adjustment completed, NTSC 4.43 will be automatically set at the respective values.

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of SUB COLOUR Ⅱ	Signal generator Oscillo-scope Remote control unit	TP-47G/R TP-E (⊥) [CRT SOCKET PWB]	5. COLOUR	**[Method of adjustment using measuring instrument]**
 Mg R B (−) 0V (+) (A) W Y Cy G			PAL COLOUR	1. Input a PAL full field colour bar signal (75% white). 2. Enter the SERVICE MENU. 3. Select **2. V/C** from SERVICE MENU. 4. Select **5. COLOUR** with the MENU ▼/▲ key. 5. Set the initial setting value of PAL COLOUR with the MENU -/+ key. 6. Connect the oscilloscope between TP-47G/R and TP-E (⊥). 7. Adjust PAL COLOUR to bring the value of **(A)** in the illustration to +12V(W-G). (Voltage value between (W) and (G))
			SECAM COLOUR	1. Input a SECAM full field colour bar signal (75% white). 2. Set the initial setting value of SECAM COLOUR with the MENU -/+ key. 3. Adjust SECAM COLOUR to bring the value of **(A)** in the illustration to +10V(W-G). (Voltage value between (W) and (G))
			NTSC 3.58 COLOUR	1. Input a NTSC 3.58 full field colour bar signal (75% white). 2. Set the initial setting value of NTSC 3.58 COLOUR with the MENU -/+ key. 3. Adjust NTSC 3.58 COLOUR to bring the value of **(A)** in the illustration to +10V(W-G). (Voltage value between (W) and (G))
			NTSC 4.43 COLOUR	When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of TINT Ⅰ	Signal generator Remote control unit		6. TINT	**[Method of adjustment without measuring instrument]**
			NTSC 3.58 TINT	1. Input a NTSC 3.58 full field colour bar signal (75% white). 2. Enter the SERVICE MENU. 3. Select **2. V/C** from SERVICE MENU. 4. Select **6. TINT** with the MENU ▼/▲ key. 5. Set the initial setting value of NTSC 3.58 with the MENU -/+ key. 6. If you cannot get the best tint with the initial setting value, make fine adjustment until you get the best tint.
			NTSC 4.43 TINT	When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.
Adjustment of TINT Ⅱ	Signal generator Oscillo-scope Remote control unit	TP-47G/R TP-E (⊥) [CRT SOCKET PWB]	6. TINT	**[Method of adjustment using measuring instrument]**
 B R Mg (−) 0V (B) (+) W Y Cy G			NTSC 3.58 TINT	1. Input a NTSC 3.58 full field colour bar signal (75% white). 2. Enter the SERVICE MENU. 3. Select **2. V/C** from SERVICE MENU. 4. Select **6. TINT** with the MENU ▼/▲ key. 5. Set the initial setting value of NTSC 3.58 with the MENU -/+ key. 6. Connect the oscilloscope between TP-47G/R and TP-E. (⊥). 7. Adjust NTSC 3.58 TINT to bring the value of **(B)** in the illustration +9V(W- Cy). (Voltage value between (W) and (Cy))
			NTSC 4.43 TINT	When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of SECAM BLACK OFFSET	Remote control unit Signal generator		7.SECAM BL ADJUST	[Method of adjustment using measuring instrument] 1. Input a SECAM full field colour bar signal. 2. Enter the SERVICE MENU. 3. Select 2. V/C from SERVICE MENU. 4. Select 7. SECAM BL ADJUST with MENU ▼/▲ key. 5. Set the initial setting value with the MENU -/+ key. 6. Switch the ①key (colour OFF) and ②key (colour ON) on the remote control and make sure that there is no colour on the black and white screen. 7. If the black and white screen is not best with the initial setting value, make fine adjustment until you get the best black and white screen. 8. While watching the screen, adjust the value to be the same colour between ON & OFF by ten key on the remote control unit. 9. Press the DISPLAY key twice to return to the normal screen.

KEY ASSIGNMENT OF REMOTE CONTROL UNIT



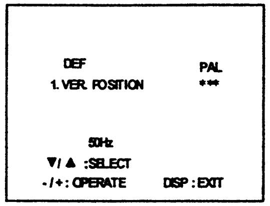
DEFLECTION CIRCUIT ADJUSTMENT

- There are 2 modes of adjustment (setting value) ---- ① 50Hz mode and ② 60Hz mode ---- depending upon the kind of signals (vertical frequency 50Hz / 60Hz).
- When adjusted in mode ①, mode ② will be automatically set.

The setting (adjustment) using the REMOTE CONTROL UNIT is made on the basis of the initial setting values.
The setting values which adjust the screen to the optimum condition can be different from the initial setting values.

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of V.HEIGHT & V.POSITION	Signal generator Remote control unit		1. VER. POSITION 3. VER. HEIGHT	1. Input a circle pattern signal. 2. Enter the SERVICE MENU. 3. Select 3. DEF. from SERVICE MENU. 4. Select 1. VER. POSITION with the MENU ▼/▲ key. 5. Set the initial setting value with the MENU -/+ key. 6. Adjust V and V' to be equal with the MENU -/+ key as shown in Fig.2. 7. Input a cross-hatch signal. 8. Select 3. V. HEIGHT with the MENU ▼/▲ key. 9. Set the initial setting value with the MENU -/+ key. 10. As shown in Fig.1, adjust VER. HEIGHT and make the vertical screen size 92% of the picture size with the MENU -/+ keys of remote control unit.

SUB MENU 3. DEF


DEF PAL
1. VER. POSITION ***
50Hz
▼/▲ :SELECT
-/+: OPERATE DISP : EXIT

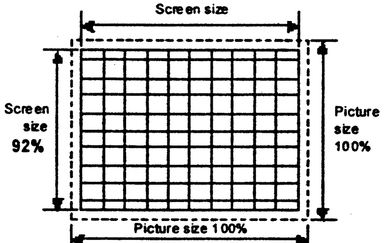


Fig.1

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of HOR. POSITION	Signal generator Remote control unit		2.HOR. POSITION	11. Input a circle pattern signal. 12. Select 2. HOR POSITION with the MENU ▼/▲ key. 13. Set the initial setting value of 2. HOR. POSITION with the MENU -/+ key. 14. Adjust 2. HOR. POSITION to make H=H" as shown in Fig.2 with the MENU -/+ key.

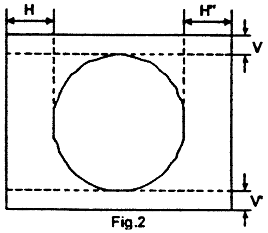
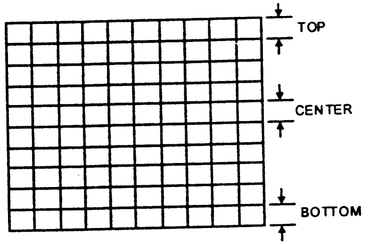
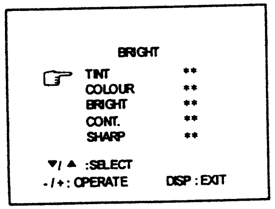


Fig.2

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of VER. LIN. & VER. SCURVE  Fig.3	Signal generator Remote control unit		4. VER. LIN. 5. VER. SCURVE	● When the vertical linearity has been deteriorated remarkably, perform the following steps. 15. Input a cross-hatch signal. 16. Select **4. VER. LIN.** with the MENU ▼/▲ key. 17. Set the initial setting value of **4. VER LIN.** with the MENU - / + key. 18. Select **5. VER. SCURVE** with the MENU ▼/▲ key. 19. Set the initial setting value of **5. VER. SCURVE** with the MENU - / + key. 20. Adjust **4. VER. LIN.** and **5. VER. SCURVE** so that the spaces of each line as shown in Fig.3 on **TOP**, **CENTER** and **BOTTOM** become uniform. Make sure that the adjustment is properly done on the screen of 60Hz mode. [NOTE] ● Adjust to make both 50Hz & 60Hz are the same v. size and fine straight line. ● When adjust again, adjust 50Hz mode first. ● When adjust in 60Hz mode, only 60Hz mode is adjust.

VSM PRESET SETTING

Item	Measuring instrument	Test point	Adjustment part	Description
Setting of VSM PRESET	Remote control unit		TINT COLOUR BRIGHT CONT. SHARP	1. Enter the SERVICE MENU. 2. Select **4. VSM PRESET** from the SERVICE MENU. 3. Select BRIGHT with the PICTURE MODE key. 4. Adjust the MENU ▼/▲ and MENU - / + key to bring the set values of TINT ~ SHARP to the values shown in the below table. 5. Respectively select the VSM PRESET mode for SOFT and STANDARD, and make similar adjustment as in 3 above.



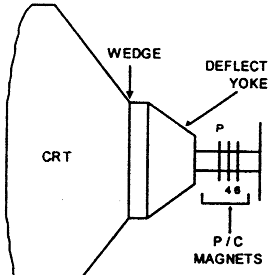
- VSM PRESET

VSM Setting Item	BRIGHT	STANDARD	SOFT
TINT	+15	←	←
COLOUR	+15	←	←
BRIGHT	+15	←	←
CONT	+30	+15	+11
SHARP	+15	←	+12

PURITY / CONVERGENCE ADJUSTMENT

PURITY ADJUSTMENT

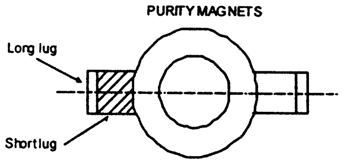
1. Demagnetize CRT with the demagnetizer.
2. Loosen the retainer screw of the deflection yoke.
3. Remove the wedges.
4. Input a green raster signal from the signal generator, and turn the screen to green raster.
5. Move the deflection yoke backward.
6. Bring the long lug of the purity magnets on the short lug and position them horizontally. (Fig. 2)
7. Adjust the gap between two lugs so that the GREEN RASTER will come into the center of the screen. (Fig.3)
8. Move the deflection yoke forward, and fix the position of the deflection yoke so that the whole screen will become green.
9. Insert the wedge to the top side of the deflection yoke so that it will not move.
10. Input a cross hatch signal.
11. Verify that the screen is horizontal.
12. Input red and blue raster signals, and make sure that purity is properly adjusted.



• **P/C MAGNETS**

P : PURITY MAGNET
4 : 4 POLES (convergence magnets)
6 : 6 POLES (convergence magnets)

Fig.1



Bring the long lug over the short lug and position them horizontally.

Fig.2

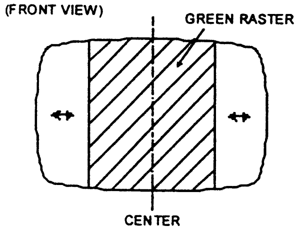


Fig.3

STATIC CONVERGENCE ADJUSTMENT

1. Input a cross hatch signal.
2. Using 4-pole convergence magnets, overlap the red and blue lines in the center of the screen (Fig.1) and turn them to magenta (red/blue).
3. Using 6-pole convergence magnets, overlap the magenta(red/blue) and green lines in the center of the screen and turn them to white.
4. Repeat 2 and 3 above, and make best convergence.

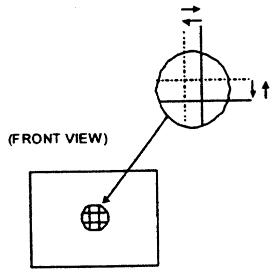


Fig.1

DYNAMIC CONVERGENCE ADJUSTMENT

1. Move the deflection yoke up and down and overlap the lines in the periphery. (Fig. 2)
2. Move the deflection yoke left to right and overlap the lines in the periphery. (Fig. 3)
3. Repeat 1 and 2 above, and make best convergence.

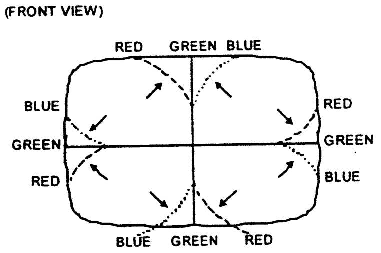


Fig.2

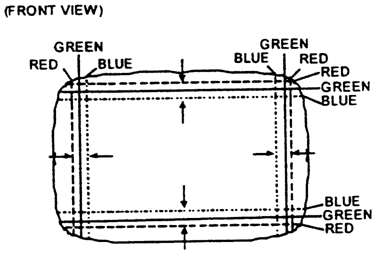


Fig.3

- After adjustment fix the wedge at the original position.
  Fasten the retainer screw of the deflection yoke.
  Fix the 6 magnets with glue.

REPLACEMENT OF CHIP COMPONENT

■ CAUTIONS

1. Avoid heating for more than 3 seconds.
2. Do not rub the electrodes and the resist parts of the pattern.
3. When removing a chip part, melt the solder adequately.
4. Do not reuse a chip part after removing it.

■ SOLDERING IRON

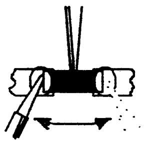
1. Use a high insulation soldering iron with a thin pointed end of it.
2. A 30w soldering iron is recommended for easily removing parts.

■ REPLACEMENT STEPS

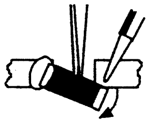
1. How to remove Chip parts

◆ **Resistors, capacitors, etc**

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.

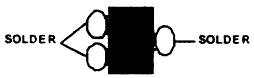


(2) Shift with tweezers and remove the chip part.

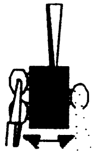


◆ **Transistors, diodes, variable resistors, etc**

(1) Apply extra solder to each lead.



(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.

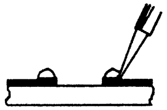


Note : After removing the part, remove remaining solder from the pattern.

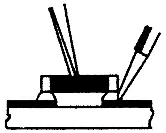
2. How to install Chip parts

◆ **Resistors, capacitors, etc**

(1) Apply solder to the pattern as indicated in the figure.

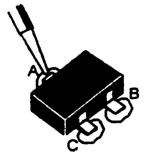


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

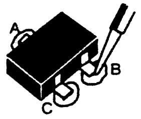


◆ **Transistors, diodes, variable resistors, etc**

(1) Apply solder to the pattern as indicated in the figure.
(2) Grasp the chip part with tweezers and place it on the solder.
(3) First solder lead **A** as indicated in the figure.



(4) Then solder leads **B** and **C**.



PARTS LIST

CAUTION

- The parts identified by the ⚠ symbol are important for the safety. Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines —— in the Parts No. columns will not be supplied.
- P. W. Board Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
C R	Carbon Resistor	C CAP.	Ceramic Capacitor
F R	Fusible Resistor	E CAP.	Electrolytic Capacitor
P R	Plate Resistor	M CAP.	Mylar Capacitor
V R	Variable Resistor	HV CAP.	High Voltage Capacitor
HV R	High Voltage Resistor	MF CAP.	Metalized Film Capacitor
MF R	Metal Film Resistor	MM CAP.	Metalized Mylar Capacitor
MG R	Metal Glazed Resistor	MP CAP.	Metalized Polystyrol Capacitor
MP R	Metal Plate Resistor	PP CAP.	Polypropylene Capacitor
OM R	Metal Oxide Film Resistor	PS CAP.	Polystyrol Capacitor
CMF R	Coating Metal Film Resistor	TF CAP.	Thin Film Capacitor
UNF R	Non-Flammable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH V R	Chip Variable Resistor	TAN. CAP.	Tantalum Capacitor
CH MG R	Chip Metal Glazed Resistor	CH C CAP.	Chip Ceramic Capacitor
COMP. R	Composition Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

TOLERANCES									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

CONTENTS

■ USING PW BOARD & REMOTE CONTROL UNIT ········· 34
■ EXPLODED VIEW PARTS LIST ········· 35, 36
■ EXPLODED VIEW ········· 35, 37

■ PRINTED WIRING BOARD PARTS LIST

[AV-14F3]

● MAIN PW BOARD ASS'Y (SCG-1401A-H2) (With CRT SOCKET PW BOARD) ········· 38

[AV-1435]

● MAIN PW BOARD ASS'Y (SCG-1420A-H2) (With CRT SOCKET PW BOARD) ········· 42

[AV-1435EE]

● MAIN PW BOARD ASS'Y (SCG-1418A-H2) (With CRT SOCKET PW BOARD) ········· 46

[AV-1435TEE]

● MAIN PW BOARD ASS'Y (SCG-1419A-H2) (With CRT SOCKET PW BOARD) ········· 50

[AV-14FMT3]

● MAIN PW BOARD ASS'Y (SCG-1404A-H2) (With CRT SOCKET PW BOARD) ········· 54

[AV-1438]

● MAIN PW BOARD ASS'Y (SCG-1440A-H2) (With CRT SOCKET PW BOARD) ········· 58

[AV-14FMG3 / AV-14FMG3B / AV14FMG3/-A]

● MAIN PW BOARD ASS'Y (SCG-1421A-H2) (With CRT SOCKET PW BOARD) ········· 62

■ REMOTE CONTROL UNIT PARTS LIST ········· 66
■ PACKING ········· 67
■ PACKING PARTS LIST ········· 67

USING PW BOARD & REMOTE CONTROL UNIT

Model PWB ASS'Y	AV-14F3	AV-1435	AV-1435EE
MAIN PWB	SCG-1401A-H2	SCG-1420A-H2	SCG-1418A-H2
REMOTE CONTROL UNIT	RM-C364GY-1H	←	←

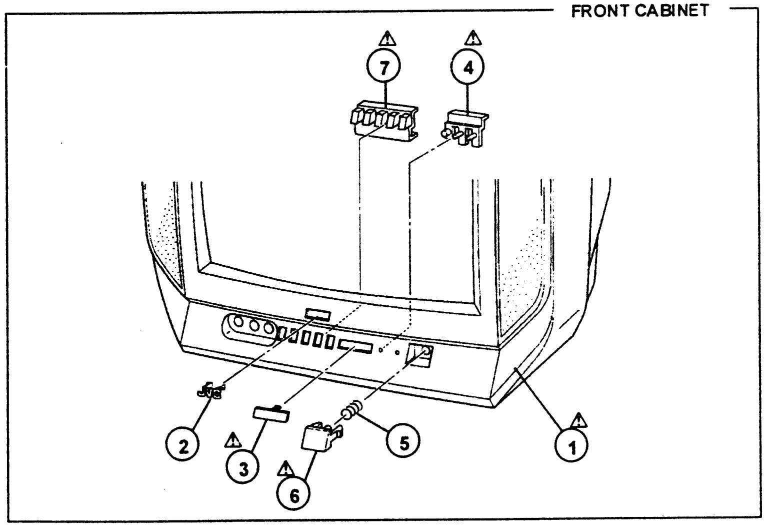
Model PWB ASS'Y	AV-1435TEE	AV-14FMT3	AV-1438
MAIN PWB	SCG-1419A-H2	SCG-1404A-H2	SCG-1440A-H2
REMOTE CONTROL UNIT	RM-C90-1H	←	RM-C364GY-1H

Model PWB ASS'Y	AV-14FMG3	AV-14FMG3B	AV-14FMG3/-A
MAIN PWB	SCG-1421A-H2	←	←
REMOTE CONTROL UNIT	RM-C364GY-1H	RM-C364-1H	RM-C364GY-1H

EXPLODED VIEW PARTS LIST (1)

⚠	Ref.No.	Part No.	Part Name	Description
⚠	1	LC10831-022A-H	FRONT CABINET	[AV-14F3]
⚠	1	LC10831-032A-H	FRONT CABINET	[AV-1435]
⚠	1	LC10831-024A-H	FRONT CABINET	[AV-1435EE]
⚠	1	LC10831-026A-H	FRONT CABINET	[AV-1435TEE]
⚠	1	LC10831-023A-H	FRONT CABINET	[AV-14FMT3]
⚠	1	LC10831-031A-H	FRONT CABINET	[AV-1438]
⚠	1	LC10831-025A-H	FRONT CABINET	[AV-14FMG3]
⚠	1	LC10831-029A-H	FRONT CABINET	[AV-14FMG3B]
⚠	1	LC10831-025A-H	FRONT CABINET	[AV-14FMG3/-A]
	2	CM46880-002-H	JVC MARK	
⚠	3	LC30617-001C-H	E.E.WINDOW	
⚠	4	LC30618-001B-H	LED LENS	
	5	CM35235-003-H	SPRING	
⚠	6	LC30616-004A-H	POWER KNOB	
⚠	7	LC20292-004A-H	CONTROL KNOB	

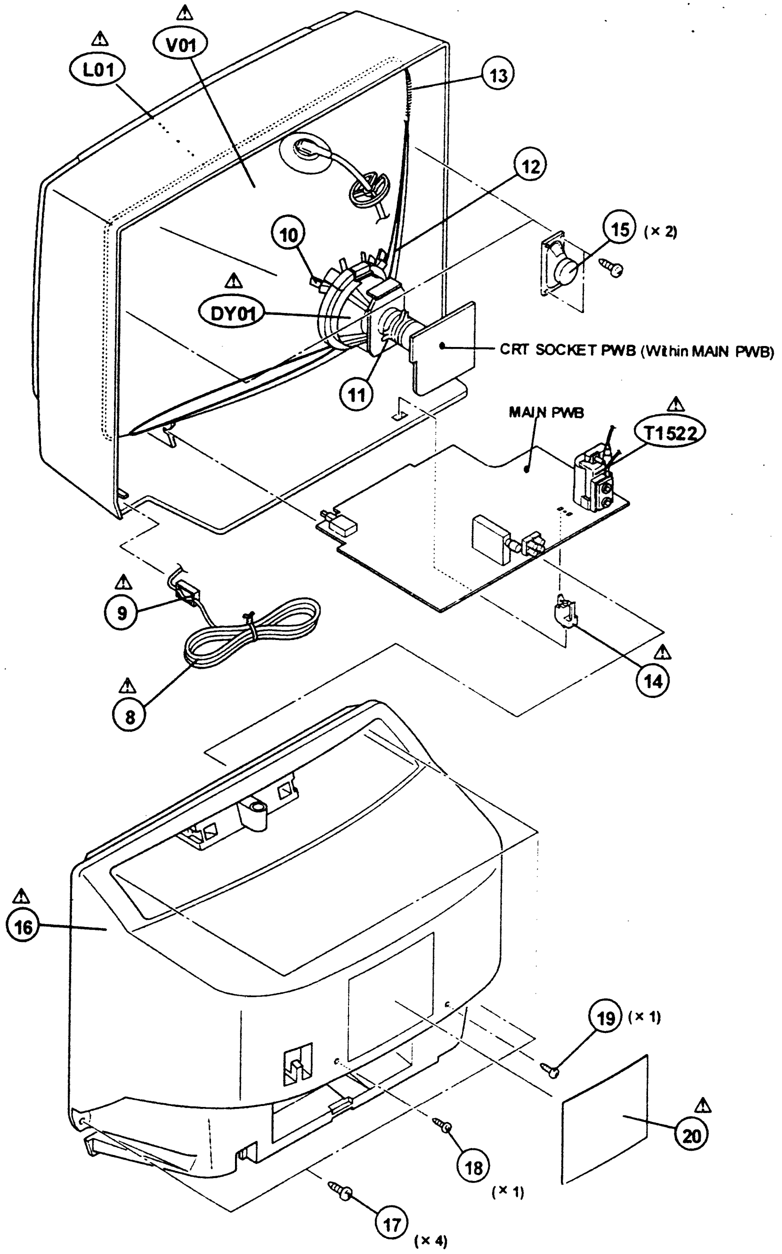
EXPLODED VIEW (1)



EXPLODED VIEW PARTS LIST (2)

⚠	Ref.No.	Part No.	Part Name	Description
⚠	V01	A34KQA42X	PICTURE TUBE	
⚠	L01	QQW0036-001	DEG COIL	
⚠	DY01	QQD0052-001	DEF YOKE	
⚠	T1522	QQH0132-001	F.B.TRANSF.	
⚠	8	QMPR340-165-K2	POWER CORD	[AV-14F3]
⚠	8	QMPR340-165-K2	POWER CORD	[AV-1435]
⚠	8	QMPR340-165-K2	POWER CORD	[AV-1435EE]
⚠	8	QMPR340-165-K2	POWER CORD	[AV-1435TEE]
⚠	8	QMPR340-165-K2	POWER CORD	[AV-14FMT3]
⚠	8	QMPR340-165-K2	POWER CORD	[AV-1438]
⚠	8	QMPR340-165-K2	POWER CORD	[AV-14FMG3]
⚠	8	QMPR340-165-K2	POWER CORD	[AV-14FMG3B]
⚠	8	QMPR380-165-K2	POWER CORD	[AV-14FMG3/-A]
⚠	9	CM47005-A01-H	POWER CORD CLAMP	
	10	CE42153-00AJ1	WEDGE ASSY	
	11	CE40305-00B	PC MAGNET	
	12	CHGB0016-0A	BRAIDED ASSY	
	13	A48457-3-H	SPRING	
⚠	14	CM48144-002-H	PB STOPPER	
	15	QAS0054-001	SPEAKER	(X2)SP01 or CEBSS09D-03KJ2
⚠	16	CM12961-D01-VH	REAR COVER	
	17	QYSBSFG4016Z	TAP SCREW	(X4)
	18	QYSBSF3010Z	TAP SCREW	(X1)
	19	QYSBSEG4012M	TAP SCREW	(X1)
⚠	20	LC20377-010B-H	RATING LABEL	[AV-14F3]
⚠	20	LC20377-001B-H	RATING LABEL	[AV-1435]
⚠	20	LC20377-009B-H	RATING LABEL	[AV-1435EE]
⚠	20	LC20377-009B-H	RATING LABEL	[AV-1435TEE]
⚠	20	LC20377-001B-H	RATING LABEL	[AV-14FMT3]
⚠	20	GG20024-001A-H	RATING LABEL	[AV-1438]
⚠	20	LC20377-001B-H	RATING LABEL	[AV-14FMG3]
⚠	20	LC20377-001B-H	RATING LABEL	[AV-14FMG3B]
⚠	20	LC20413-002B-H	RATING LABEL	[AV-14FMG3/-A]

EXPLODED VIEW (2)



PRINTED WIRING BOARD PARTS LIST

[AV-14F3]

MAIN P.W. BOARD ASS'Y (SCG-1401A-H2)

RESISTOR

Δ	Symbol No.	Part No.	Part Name	Description
	R1002	NRSA63J-221X	MG R	220Ω 1/16W J
	R1003	NRSA63J-221X	MG R	220Ω 1/16W J
	R1004	NRSA63J-563X	MG R	56kΩ 1/16W J
	R1102	NRSA63J-750X	MG R	75Ω 1/16W J
	R1108	NRSA63J-100X	MG R	10Ω 1/16W J
	R1109	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1110	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1111	NRSA63J-181X	MG R	180Ω 1/16W J
	R1112	NRSA63J-100X	MG R	10Ω 1/16W J
	R1113	NRSA63J-101X	MG R	100Ω 1/16W J
	R1120	NRSA63J-391X	MG R	390Ω 1/16W J
	R1121	NRSA63J-221X	MG R	220Ω 1/16W J
	R1159	NRSA02J-184X	MG R	180kΩ 1/10W J
	R1301	NRSA63J-221X	MG R	220Ω 1/16W J
	R1302	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1303	NRSA63J-101X	MG R	100Ω 1/16W J
	R1304	NRSA63J-101X	MG R	100Ω 1/16W J
	R1305	NRSA63J-101X	MG R	100Ω 1/16W J
	R1306	NRSA63J-221X	MG R	220Ω 1/16W J
	R1307	NRSA63J-122X	MG R	1.2kΩ 1/16W J
	R1308	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1312	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1313	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1314	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1321	NRSA63J-152X	MG R	1.5kΩ 1/16W J
	R1322	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1323	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1324	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1326	NRSA63J-101X	MG R	100Ω 1/16W J
	R1327	NRSA02J-475X	MG R	4.7MΩ 1/10W J
	R1341	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1345	NRSA63J-151X	MG R	150Ω 1/16W J
	R1346	NRSA63J-151X	MG R	150Ω 1/16W J
	R1353	NRSA63J-151X	MG R	150Ω 1/16W J
	R1354	NRSA63J-331X	MG R	330Ω 1/16W J
	R1355	NRSA63J-331X	MG R	330Ω 1/16W J
	R1356	NRSA63J-331X	MG R	330Ω 1/16W J
	R1357	NRSA63J-101X	MG R	100Ω 1/16W J
	R1358	NRSA63J-101X	MG R	100Ω 1/16W J
	R1359	NRSA63J-101X	MG R	100Ω 1/16W J
	R1360	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1361	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1362	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1363	QRL029J-123	OM R	12kΩ 2W J
	R1364	QRL029J-123	OM R	12kΩ 2W J
	R1365	QRL029J-123	OM R	12kΩ 2W J
	R1366	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1367	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1368	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1372	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1374	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1401	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1421	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1423	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1424	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1425	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1426	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1429	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1430	NRSA63J-823X	MG R	82kΩ 1/16W J
	R1431	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1432	QRE121J-3R9Y	C R	3.9Ω 1/2W J
	R1433	QRE121J-3R9Y	C R	3.9Ω 1/2W J
	R1436	NRSA63J-823X	MG R	82kΩ 1/16W J
	R1440	QRE121J-471Y	C R	470Ω 1/2W J
	R1441	NRSA63J-822X	MG R	8.2kΩ 1/16W J
	R1442	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1443	QRE121J-1R0Y	C R	1.0Ω 1/2W J
	R1453	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1502	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1503	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1525	QRL029J-180	OM R	18Ω 2W J
	R1526	QRE121J-271Y	C R	270Ω 1/2W J

RESISTOR

Δ	Symbol No.	Part No.	Part Name	Description
	R1529	QRL039J-681	OM R	680Ω 3W J
	R1531	NRSA63J-331X	MG R	330Ω 1/16W J
	R1532	NRSA63J-102Y	MG R	1kΩ 1/16W J
Δ	R1551	QRZ9011-1R0	F R	1.0Ω 1/2W J
	R1552	QRJ146J-2R2X	C R	2.2Ω 1/4W J
	R1554	QRE121J-681Y	C R	680Ω 1/2W J
	R1571	QRE121J-222Y	C R	2.2kΩ 1/2W J
	R1573	QRT029J-2R2	MF R	2.2Ω 2W J
	R1574	QRT029J-1R5	MF R	1.5Ω 2W J
	R1576	QRE121J-223Y	C R	22kΩ 1/2W J
	R1577	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R1578	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1581	QRE121J-182Y	C R	1.8kΩ 1/2W J
	R1582	NRSA63J-223X	MG R	22kΩ 1/16W J
	R1583	NRSA63J-393X	MG R	39kΩ 1/16W J
	R1651	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1652	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1653	NRSA63J-331X	MG R	330Ω 1/16W J
	R1654	NRSA63J-223X	MG R	22kΩ 1/16W J
	R1655	NRSA63J-473X	MG R	47kΩ 1/16W J
	R1656	NRSA63J-822X	MG R	8.2kΩ 1/16W J
	R1657	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1658	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1659	QRE121J-4R7Y	C R	4.7Ω 1/2W J
	R1660	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1661	QRE121J-271Y	C R	270Ω 1/2W J
	R1662	QRE121J-271Y	C R	270Ω 1/2W J
	R1664	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1665	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1666	NRSA63J-101X	MG R	100Ω 1/16W J
	R1667	QRE121J-101Y	C R	100Ω 1/2W J
Δ	R1668	QRT029J-5R6	MF R	5.6Ω 2W J
	R1701	NRSA63J-562X	MG R	5.6kΩ 1/16W J
	R1702	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1703	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R1704	NRSA63J-221X	MG R	220Ω 1/16W J
	R1705	NRSA63J-221X	MG R	220Ω 1/16W J
	R1706	NRSA63J-561X	MG R	560Ω 1/16W J
	R1707	NRSA63J-561X	MG R	560Ω 1/16W J
	R1708	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1709	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1710	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1711	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1712	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1713	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1714	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1715	NRSA63J-221X	MG R	220Ω 1/16W J
	R1716	NRSA63J-221X	MG R	220Ω 1/16W J
	R1718	NRSA63J-561X	MG R	560Ω 1/16W J
	R1719	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1720	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1721	NRSA63J-103X	MG R	10kΩ 1/16W J
Δ	R1723	QRL039J-270	OM R	27Ω 3W J
	R1725	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1726	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1727	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1728	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1729	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1730	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1731	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1736	NRSA63J-823X	MG R	82kΩ 1/16W J
	R1737	NRSA63J-104X	MG R	100kΩ 1/16W J
	R1738	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1739	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1740	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R1741	NRSA63J-561X	MG R	560Ω 1/16W J
	R1742	NRSA63J-563X	MG R	56kΩ 1/16W J
	R1746	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1747	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1748	NRSA63J-101X	MG R	100Ω 1/16W J
	R1749	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1771	NRSA63J-821X	MG R	820Ω 1/16W J

[AV-14F3]

RESISTOR

Δ	Symbol No.	Part No.	Part Name	Description
	R1772	NRSA63J-821X	MG R	820Ω 1/16W J
	R1791	NRSA63J-221Y	MG R	220Ω 1/16W J
	R1792	NRSA63J-221X	MG R	220Ω 1/16W J
	R1793	NRSA63J-221X	MG R	220Ω 1/16W J
	R1794	NRSA63J-221X	MG R	220Ω 1/16W J
	R1795	NRSA63J-221X	MG R	220Ω 1/16W J
	R1796	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1797	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1802	NRSA63J-750X	MG R	75Ω 1/16W J
	R1806	QRE121J-271Y	C R	270Ω 1/2W J
	R1807	NRSA63J-680X	MG R	68Ω 1/16W J
	R1810	QR[illegible]J-560	OM R	56Ω 1W J
	R1811	NRSA63J-221X	MG R	220Ω 1/16W J
	R1815	QRE121J-181Y	C R	180Ω 1/2W J
	R1816	NRSA63J-681X	MG R	680Ω 1/16W J
	R1817	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1901	QR[illegible]4K-4R7	UNF R	4.7Ω 2W K
	R1903	QRL029J-104	OM R	100kΩ 2W J
	R1904	QRL039J-151	OM R	150Ω 3W J
	R1906	QRL029J-104	OM R	100kΩ 2W J
	R1921	QRE121J-2R2Y	C R	2.2Ω 1/2W J
	R1922	QRE121J-221Y	C R	220Ω 1/2W J
	R1923	QRM034J-R22	MP R	0.22Ω 3W J
	R1928	QRL039J-683	OM R	68kΩ 3W J
	R1933	QRE121J-4R7Y	C R	4.7Ω 1/2W J
	R1934	NRSA63J-683X	MG R	68kΩ 1/16W J
	R1935	QRE121J-562Y	C R	5.6kΩ 1/2W J
	R1974	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	[illegible]	QRT029J-8R2	MF R	8.2Ω 2W J
	R1977	QRE121J-122Y	C R	1.2kΩ 1/2W J
	R1978	NRSA63J-473X	MG R	47kΩ 1/16W J
	R1979	QRL039J-220	OM R	22Ω 3W J
	R1980	QRL029J-152	OM R	1.5kΩ 2W J
Δ	[illegible]	QR[illegible]46-825Z	C R	8.2MΩ 1/2W K

CAPACITOR

Δ	Symbol No.	Part No.	Part Name	Description
	C1001	QETN1HM-106Z	E CAP.	10µF 50V M
	C1002	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1004	QETN1CM-477Z	E CAP.	470µF 16V M
	C1005	QFV71HJ-104Z	MF CAP.	0.1µF 50V J
	[illegible]	QETN1HM-475Z	E CAP.	4.7µF 50V M
	[illegible]	QETN1EM-476Z	E CAP.	47µF 25V M
	[illegible]	NCB31HK-472X	C CAP.	4700pF 50V K
	[illegible]	NCB31HK-472X	C CAP.	4700pF 50V K
	[illegible]	NCB31HK-472X	C CAP.	4700pF 50V K
	[illegible]	NCB31HK-472X	C CAP.	4700pF 50V K
	[illegible]	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	[illegible]	QETN1EM-476Z	E CAP.	47µF 25V M
	[illegible]	NCB31HK-472X	C CAP.	4700pF 50V K
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	QFV71HJ-224Z	MF CAP.	0.22µF 50V J
	[illegible]	QETN1HM-474Z	E CAP.	0.47µF 50V M
	[illegible]	NDC31HJ-121X	C CAP.	120pF 50V J
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	NCB31HK-152X	C CAP.	1500pF 50V K
	[illegible]	NCB31HK-123X	C CAP.	0.012µF 50V K
	[illegible]	QETN1HM-475Z	E CAP.	4.7µF 50V M
	[illegible]	NDC31HJ-100X	C CAP.	10pF 50V J
	[illegible]	QFV71HJ-474Z	MF CAP.	0.47µF 50V J
	[illegible]	QETN1HM-474Z	E CAP.	0.47µF 50V M
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	QETN1CM-477Z	E CAP.	470µF 16V M
	[illegible]	QETN1CM-107Z	E CAP.	100µF 16V M
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	NDC31HJ-221X	C CAP.	220pF 50V J
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	QETN1HM-474Z	E CAP.	0.47µF 50V M
	[illegible]	QETN1HM-335Z	E CAP.	3.3µF 50V M
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	QETN1CM-107Z	E CAP.	100µF 16V M
	[illegible]	QETN1HM-106Z	E CAP.	10µF 50V M

CAPACITOR

Δ	Symbol No.	Part No.	Part Name	Description
	C1317	NCB31EK-473X	C CAP.	0.047µF 25V K
	C1321	NDC31HJ-120X	C CAP.	12pF 50V J
	C1322	NCB31EK-273X	C CAP.	0.027µF 25V K
	C1323	QETN1HM-474Z	E CAP.	0.47µF 50V M
	C1324	QETN1HM-106Z	E CAP.	10µF 50V M
	C1325	QENC1HM-106Z	BP E CAP.	10µF 50V M
	C1326	NCS21HJ-221X	C CAP.	220pF 50V J
	C1341	QETN1HM-106Z	E CAP.	10µF 50V M
	C1352	QFZ0097-103	MM CAP.	0.01µF 1250V K
	C1354	NDC31HJ-271X	C CAP.	270pF 50V J
	C1355	NDC31HJ-221X	C CAP.	220pF 50V J
	C1356	NDC31HJ-331X	C CAP.	330pF 50V J
	C1357	QETN1AM-477Z	E CAP.	470µF 10V M
	C1365	QENC1HM-105Z	E CAP.	1µF 50V M
	C1366	QENC1HM-105Z	E CAP.	1µF 50V M
	C1367	QENC1HM-105Z	E CAP.	1µF 50V M
	C1401	QFV71HJ-474Z	MF CAP.	0.47µF 50V J
	C1423	QCS32HJ-180Z	C CAP.	18pF 500V J
	C1424	QFLC2AJ-103Z	M CAP.	0.01µF 100V J
	C1426	QCB32HK-331Z	C CAP.	330pF 500V K
	C1427	QETN1VM-107Z	E CAP.	100µF 35V M
	C1428	QETN1VM-107Z	E CAP.	100µF 35V M
	C1429	QETN1HM-106Z	E CAP.	10µF 50V M
	C1430	QFN32AJ-472Z	M CAP.	4700pF 100V J
	C1433	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C1435	QETN1EM-228	E CAP.	2200µF 25V M
	C1436	QFV71HJ-334Z	MF CAP.	0.33µF 50V J
	C1437	NCB31HK-104X	C CAP.	0.1µF 50V K
	C1501	QETN1AM-477Z	E CAP.	470µF 10V M
	C1502	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1503	QETN1HM-106Z	E CAP.	10µF 50V M
	C1523	QETN1EM-476Z	E CAP.	47µF 25V M
Δ	C1525	QFZ0200-652	MPP CAP	6500pF 1.5kVH±3%
	C1526	QFLC1HJ-103Z	M CAP.	0.01µF 50V J
Δ	C1527	QFZ0199-564	MPP CAP.	0.56µF 250V J
	C1529	QFN32AJ-102Z	M CAP.	1000pF 100V J
	C1531	QEZ0203-107	E CAP.	100µF 160V M
	C1552	QETN1VM-108	E CAP.	1000µF 35V M
	C1554	QETN2EM-475Z	E CAP.	4.7µF 250V M
	C1555	QFN32AJ-682Z	M CAP.	6800pF 100V J
	C1557	QETN1HM-107Z	E CAP.	100µF 50V M
	C1571	QETN1AM-107Z	E CAP.	100µF 10V M
	C1572	QETN1EM-476Z	E CAP.	47µF 25V M
	C1581	QFV71HJ-104Z	MF CAP.	0.1µF 50V J
	C1652	NCB31HK-473X	C CAP.	0.047µF 50V K
	C1653	QETN1HM-106Z	E CAP.	10µF 50V M
	C1654	QETN1CM-477Z	E CAP.	470µF 16V M
	C1655	QETN1HM-106Z	E CAP.	10µF 50V M
	C1656	QENC1HM-105Z	E CAP.	1µF 50V M
	C1657	QETN1EM-107Z	E CAP.	100µF 25V M
	C1658	QETN1EM-227Z	E CAP.	220µF 25V M
	C1659	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C1663	NCB31HK-102X	C CAP.	1000pF 50V K
	C1664	QETN1CM-107Z	E CAP.	100µF 16V M
	C1665	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1701	QETN1HM-106Z	E CAP.	10µF 50V M
	C1705	QETN1CM-477Z	E CAP.	470µF 16V M
	C1706	NCB31HK-104X	C CAP.	0.1µF 50V K
	C1707	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1708	QETN1AM-108Z	E CAP.	1000µF 10V M
	C1709	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1710	QETN1CM-107Z	E CAP.	100µF 16V M
	C1711	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1712	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1713	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1716	NDC31HJ-181X	C CAP.	180pF 50V J
	C1717	NDC31HJ-181X	C CAP.	180pF 50V J
	C1718	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1719	QETN1HM-105Z	E CAP.	1µF 50V M
	C1720	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1721	NCB31EK-333X	C CAP.	0.033µF 25V K
	C1722	NDC31HJ-101X	C CAP.	100pF 50V J
	C1724	NDC31HJ-151X	C CAP.	150pF 50V J
	C1728	NDC31HJ-181X	C CAP.	180pF 50V J
	C1729	NDC31HJ-181X	C CAP.	180pF 50V J
	C1730	NCB31HK-103X	C CAP.	0.01µF 50V K

[AV-14F3]

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description
	C1744	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1805	QETN1CM-227Z	E CAP.	220µF 16V M
	C1806	QETN1CM-477Z	E CAP.	470µF 16V M
	C1811	QETN1HM-106Z	E CAP.	10µF 50V M
	C1841	NCB31HK-152X	C CAP.	1500pF 50V K
⚠	C1901	QFZ9078-224	MPF CAP.	0.22µF AC275V M
⚠	C1904	QCZ9015-102	C CAP.	1000pF AC250V Z
⚠	C1905	QCZ9015-102	C CAP.	1000pF AC250V Z
⚠	C1907	QCZ9015-102	C CAP.	1000pF AC250V Z
⚠	C1909	QEZ0552-127	E CAP.	or QEZ0199-127 120µF 400V M
⚠	C1910	QFZ9078-473	MPF CAP.	0.047µF AC275V M
	C1922	QFLC1HJ-104Z	M CAP.	0.1µF 50V J
	C1924	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C1925	QETN1VM-476Z	E CAP.	47µF 35V M
	C1926	QFLC1HJ-332Z	M CAP.	3300pF 50V J
⚠	C1929	QFKA2JK-103	MM CAP.	0.01µF 630V K
⚠	C1931	QCZ0864-681	C CAP.	680pF 2kV K
	C1932	NDC31HJ-681X	C CAP.	680pF 50V J
	C1941	QCZ0864-561	C CAP.	560pF 2kV K
	C1942	QEZ0203-107	E CAP.	100µF 160V M
	C1944	QCB32HK-222Z	C CAP.	2200pF 500V K
	C1945	QEHR1EM-108Z	E CAP.	1000µF 25V M
	C1946	QETN1EM-108Z	E CAP.	1000µF 25V M
	C1947	QCB32HK-222Z	C CAP.	2200pF 500V K
	C1948	QETN1EM-108Z	E CAP.	1000µF 25V M
	C1949	NDC31HJ-471X	C CAP.	470pF 50V J
	C1975	QETN1EM-227Z	E CAP.	220µF 25V M
	C1977	QETN1CM-227Z	E CAP.	220µF 16V M
	C1978	QETN1EM-227Z	E CAP.	220µF 25V M
	C1979	QETN1AM-227Z	E CAP.	220µF 10V M
⚠	C1991	QCZ9079-102	C CAP.	1000pF AC250V M
⚠	C1992	QCZ9079-102	C CAP.	1000pF AC250V M
⚠	C1993	QCZ9079-152	C CAP.	1500pF AC250V M

TRANSFORMER

⚠	Symbol No.	Part No.	Part Name	Description
	T1501	CE40203-00CJ1	DRIVE TRANSF.	
⚠	T1522	QQH0132-001	F.B.TRANSF.	
⚠	T1921	QQS0161-001	SW TRANSF.	

COIL

⚠	Symbol No.	Part No.	Part Name	Description
	L1001	QQL244K-8R2Z	COIL	8.2µH K
	L1101	QQL244J-2R2Z	COIL	2.2µH J
	L1103	QQL244K-8R2Z	COIL	8.2µH K
	L1551	QQL2034-320	INDUCTOR	
	L1701	QQL244J-5R6Z	COIL	5.6µH J
	L1941	QQL26AK-820Z	COIL	82µH K
	L1942	QQL244J-4R7Z	INDUCTOR	
	L1943	QQL244J-4R7Z	INDUCTOR	

DIODE

⚠	Symbol No.	Part No.	Part Name	Description
	D1001	MTZJ33A-T2	ZENER DIODE	
	D1301	MTZJ9.1B-T2	ZENER DIODE	
	D1302	MTZJ9.1B-T2	ZENER DIODE	
	D1305	AK04-T2	SB DIODE	
	D1306	QRE121J-121Y	C R	120Ω 1/2W J
	D1341	MA111-X	SI.DIODE	
	D1421	MTZJ75-T2	ZENER DIODE	
	D1423	1SR124-400A-T2	SI.DIODE	
	D1425	MA111-X	SI.DIODE	
	D1427	MTZJ27B-T2	ZENER DIODE	
	D1501	MTZJ6.8C-T2	ZENER DIODE	
	D1551	RGP10J-5025-T3	SI.DIODE	
	D1552	RGP10J-5025-T3	SI.DIODE	
	D1553	MTZJ9.1B-T2	ZENER DIODE	
	D1554	MA111-X	SI.DIODE	
	D1557	1SR124-400A-T2	SI.DIODE	
	D1571	MTZJ7.5S-T2	ZENER DIODE	
	D1581	MTZJ20B-T2	ZENER DIODE	
	D1582	RGP10J-5025-T3	SI.DIODE	
	D1651	MA111-X	SI.DIODE	
	D1652	MTZJ12C-T2	ZENER DIODE	
	D1653	MA111-X	SI.DIODE	
	D1654	MTZJ12C-T2	ZENER DIODE	

DIODE

⚠	Symbol No.	Part No.	Part Name	Description
	D1655	MA111-X	SI.DIODE	
	D1656	MA111-X	SI.DIODE	
	D1657	MA111-X	SI.DIODE	
	D1701	MA111-X	SI.DIODE	
	D1704	SLR-342VR-T16	LED	
	D1705	SLR-342DU-T16	LED	
	D1707	MA111-X	SI.DIODE	
	D1731	MA111-X	SI.DIODE	
	D1801	MA111-X	SI.DIODE	
⚠	D1901	G2SBA60	BRIDGE DIODE	
	D1921	RGP10J-5025-T3	SI.DIODE	
	D1925	RGP10J-5025-T3	SI.DIODE	
	D1927	MTZJ36A-T2	ZENER DIODE	
	D1928	MTZJ3.3A-T2	ZENER DIODE	
	D1929	MTZJ3.3A-T2	ZENER DIODE	
	D1930	RGP10M-5010-T3	SI.DIODE	
	D1931	MA111-X	SI.DIODE	
	D1933	MTZJ16C-T2	ZENER DIODE	
	D1941	RU3AM-LFC4	SI.DIODE	
	D1942	RU3YX-LFC4	SI.DIODE	
	D1943	RGP10J-5025-T3	SI.DIODE	
	D1982	MA111-X	SI.DIODE	
	D1983	MA111-X	SI.DIODE	

TRANSISTOR

⚠	Symbol No.	Part No.	Part Name	Description
	Q1102	2SC5083/L-P/-T	SI.TRANSISTOR	
	Q1301	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1302	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1351	STC344-T	SI.TRANSISTOR	
	Q1352	STC344-T	SI.TRANSISTOR	
	Q1353	STC344-T	SI.TRANSISTOR	
	Q1401	DTC124ESA-T	DIGI.TRANSISTOR	
	Q1402	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1521	2SC2655/Y/-T	SI.TRANSISTOR	
⚠	Q1522	2SD2658LS-YB11	POWER TRANSISTOR	H.OUT
	Q1571	2SA1208/ST/Z1-T	SI.TRANSISTOR	
	Q1572	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1651	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1652	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1653	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1702	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1703	UN2212-X	DIGI.TRANSISTOR	
	Q1708	UN2212-X	DIGI.TRANSISTOR	
	Q1709	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1803	2SC1815/YG/-T	SI.TRANSISTOR	
	Q1804	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1974	2SA966/OY/-T	SI.TRANSISTOR	
	Q1975	UN2212-X	DIGI.TRANSISTOR	

IC

⚠	Symbol No.	Part No.	Part Name	Description
	IC1301	MN5198K	I C	
	IC1421	AN5522	I C	
	IC1651	AN5265	I C	
⚠	IC1701	MN1873287JJ1	I C(MCU)	
	IC1702	AT24C08-21DMG3	I C	(SERVICE)
	IC1703	L78LR05E-MA	I C	
	IC1704	PIC-47143SY	R DETECT UNIT	
⚠	IC1921	STR-W5753A/F5	I C	
	IC1971	BA17809T	I C	
	IC1972	BA17805T	I C	

[AV-14F3]

OTHERS

⚠	Symbol No.	Part No.	Part Name	Description
		LC30114-001C-H	LED HOLDER	
		CM35921-005-H	CDS HOLDER	
⚠	CP1981	ICP-N25-Y	I.C.PROTECT	
⚠	CP1982	ICP-N75-Y	I.C.PROTECT	
⚠	F1901	QMF51E2-3R15J4	FUSE	3.15A
	FC1901	CEM0002-001Z	FUSE CLIP	(X2)
	FR1557	QRJ146J-2R2X	C R	2.2Ω 1/4W J
	J1002	QNN0384-001	PIN JACK	
	J1003	QNN0281-003	PIN JACK	or CEMN065-001
	J1004	QNN0281-002	PIN JACK	or CEMN065-002
⚠	J1005	QNS0197-001	3.5 JACK	
	K1351	QQR0621-002Z	FERRITE BEADS	
	K1421	QQR1113-001Z	FERRITE BEADS	
	K1941	QQR1113-001Z	FERRITE BEADS	
	K1942	QQR1113-001Z	FERRITE BEADS	
	K1943	QQR1113-001Z	FERRITE BEADS	
⚠	LF1901	QQR0673-002	LINE FILTER	
	PC1701	P1241-04	PHOTO CONDUCTOR	
	S1701	QSW0619-003Z	TACT SWITCH	VOL+
	S1702	QSW0619-003Z	TACT SWITCH	VOL-
	S1703	QSW0619-003Z	TACT SWITCH	CH+
	S1704	QSW0619-003Z	TACT SWITCH	CH-
	S1705	QSW0619-003Z	TACT SWITCH	MENU
⚠	S1901	QSW0750-001	PUSH SWITCH	POWER SW
	SF1102	QAX0566-002	SAW FILTER	
	SF1122	QAX0825-001	SAW FILTER	
⚠	SK1351	CE42554-001	C R T SOCKET	or QNZ0536-001
	SP01	QAS0054-001	SPEAKER	(X2)SP01 or CEBS5090-03KJ2
⚠	TH1901	QAD0121-9R0	THERMISTOR	or QAD0119-9R0
⚠	TU1001	QAU0287-001	TUNER	
⚠	VA1901	ERZV10V621CS	VARISTOR	or QAF0052-621
⚠	X1301	QAX0705-001Z	CRYSTAL	
	X1302	CE41651-001Z	X-TAL	
	X1701	QAX0807-001	C RESONATOR	

PRINTED WIRING BOARD PARTS LIST

[AV-1435]

MAIN P.W. BOARD ASS'Y (SCG-1420A-H2)

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description
	R1002	NRSA63J-221X	MG R	220Ω 1/16W J
	R1003	NRSA63J-221X	MG R	220Ω 1/16W J
	R1004	NRSA63J-563X	MG R	56kΩ 1/16W J
	R1102	NRSA63J-750X	MG R	75Ω 1/16W J
	R1103	NRSA63J-100X	MG R	10Ω 1/16W J
	R1109	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1110	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1111	NRSA63J-181X	MG R	180Ω 1/16W J
	R1112	NRSA63J-100X	MG R	10Ω 1/16W J
	R1113	NRSA63J-101X	MG R	100Ω 1/16W J
	R1120	NRSA63J-391X	MG R	390Ω 1/16W J
	R1121	NRSA63J-221X	MG R	220Ω 1/16W J
	R1159	NRSA02J-184X	MG R	180kΩ 1/10W J
	R1301	NRSA63J-221X	MG R	220Ω 1/16W J
	R1302	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1303	NRSA63J-101X	MG R	100Ω 1/16W J
	R1304	NRSA63J-101X	MG R	100Ω 1/16W J
	R1305	NRSA63J-101X	MG R	100Ω 1/16W J
	R1306	NRSA63J-221X	MG R	220Ω 1/16W J
	R1307	NRSA63J-122X	MG R	1.2kΩ 1/16W J
	R1308	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1312	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1313	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1314	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1321	NRSA63J-152X	MG R	1.5kΩ 1/16W J
	R1322	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1323	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1324	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1325	NRSA63J-101X	MG R	100Ω 1/16W J
	R1327	NRSA02J-475X	MG R	4.7MΩ 1/10W J
	R1340	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1345	NRSA63J-151X	MG R	150Ω 1/16W J
	R1346	NRSA63J-151X	MG R	150Ω 1/16W J
	R1353	NRSA63J-151X	MG R	150Ω 1/16W J
	R1354	NRSA63J-331X	MG R	330Ω 1/16W J
	R1355	NRSA63J-331X	MG R	330Ω 1/16W J
	R1356	NRSA63J-331X	MG R	330Ω 1/16W J
	R1357	NRSA63J-101X	MG R	100Ω 1/16W J
	R1358	NRSA63J-101X	MG R	100Ω 1/16W J
	R1359	NRSA63J-101X	MG R	100Ω 1/16W J
	R1360	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1361	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1362	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1363	QRL029J-123	OM R	12kΩ 2W J
	R1364	QRL029J-123	OM R	12kΩ 2W J
	R1365	QRL029J-123	OM R	12kΩ 2W J
	R1366	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1367	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1368	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1372	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1374	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1401	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1421	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1423	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1424	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1425	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1426	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1429	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1430	NRSA63J-823X	MG R	82kΩ 1/16W J
	R1431	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1432	QRE121J-3R9Y	C R	3.9Ω 1/2W J
	R1433	QRE121J-3R9Y	C R	3.9Ω 1/2W J
	R1435	NRSA63J-823X	MG R	82kΩ 1/16W J
	R1440	QRE121J-471Y	C R	470Ω 1/2W J
	R1441	NRSA63J-822X	MG R	8.2kΩ 1/16W J
	R1442	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1443	QRE121J-1R0Y	C R	1.0Ω 1/2W J
	R1445	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1502	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1503	NRSA63J-682X	MG R	6.8kΩ 1/16W J

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description
	R1525	QRL029J-180	OM R	18Ω 2W J
	R1526	QRE121J-271Y	C R	270Ω 1/2W J
	R1529	QRL039J-681	OM R	680Ω 3W J
	R1531	NRSA63J-331X	MG R	330Ω 1/16W J
	R1532	NRSA63J-102X	MG R	1kΩ 1/16W J
⚠	R1551	QRZ9011-1R0	F R	1.0Ω 1/2W J
	R1552	QRJ146J-2R2X	C R	2.2Ω 1/4W J
	R1554	QRE121J-681Y	C R	680Ω 1/2W J
	R1571	QRE121J-222Y	C R	2.2kΩ 1/2W J
	R1573	QRT029J-2R2	MF R	2.2Ω 2W J
	R1574	QRT029J-1R5	MF R	1.5Ω 2W J
	R1576	QRE121J-223Y	C R	22kΩ 1/2W J
	R1577	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R1578	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1581	QRE121J-182Y	C R	1.8kΩ 1/2W J
	R1582	NRSA63J-223X	MG R	22kΩ 1/16W J
	R1583	NRSA63J-393X	MG R	39kΩ 1/16W J
	R1651	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1652	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1653	NRSA63J-331X	MG R	330Ω 1/16W J
	R1654	NRSA63J-223X	MG R	22kΩ 1/16W J
	R1655	NRSA63J-473X	MG R	47kΩ 1/16W J
	R1656	NRSA63J-822X	MG R	8.2kΩ 1/16W J
	R1657	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1658	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1659	QRE121J-4R7Y	C R	4.7Ω 1/2W J
	R1660	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1561	QRE121J-271Y	C R	270Ω 1/2W J
	R1662	QRE121J-271Y	C R	270Ω 1/2W J
	R1664	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1665	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1666	NRSA63J-101X	MG R	100Ω 1/16W J
	R1667	QRE121J-101Y	C R	100Ω 1/2W J
⚠	R1668	QRT029J-5R6	MF R	5.6Ω 2W J
	R1701	NRSA63J-562X	MG R	5.6kΩ 1/16W J
	R1702	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1703	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R1704	NRSA63J-221X	MG R	220Ω 1/16W J
	R1705	NRSA63J-221X	MG R	220Ω 1/16W J
	R1706	NRSA63J-561X	MG R	560Ω 1/16W J
	R1707	NRSA63J-561X	MG R	560Ω 1/16W J
	R1708	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1709	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1710	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1711	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1712	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1713	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1714	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1715	NRSA63J-221X	MG R	220Ω 1/16W J
	R1716	NRSA63J-221X	MG R	220Ω 1/16W J
	R1718	NRSA63J-561X	MG R	560Ω 1/16W J
	R1719	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1720	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1721	NRSA63J-103X	MG R	10kΩ 1/16W J
⚠	R1723	QRL039J-270	OM R	27Ω 3W J
	R1725	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1726	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1727	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1728	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1729	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1730	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1731	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1736	NRSA63J-823X	MG R	82kΩ 1/16W J
	R1737	NRSA63J-104X	MG R	100kΩ 1/16W J
	R1738	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1739	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1740	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R1741	NRSA63J-561X	MG R	560Ω 1/16W J
	R1742	NRSA63J-563X	MG R	56kΩ 1/16W J
	R1746	NRSA63J-103X	MG R	10kΩ 1/16W J

[AV-1435]

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description
	R1747	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1748	NRSA63J-101X	MG R	100Ω 1/16W J
	R1749	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1771	NRSA63J-821X	MG R	820Ω 1/16W J
	R1772	NRSA63J-821X	MG R	820Ω 1/16W J
	R1791	NRSA63J-221X	MG R	220Ω 1/16W J
	R1792	NRSA63J-221X	MG R	220Ω 1/16W J
	R1793	NRSA63J-221X	MG R	220Ω 1/16W J
	R1794	NRSA63J-221X	MG R	220Ω 1/16W J
	R1795	NRSA63J-221X	MG R	220Ω 1/16W J
	R1796	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1797	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1802	NRSA63J-750X	MG R	75Ω 1/16W J
	R1806	QRE121J-271Y	C R	270Ω 1/2W J
	R1807	NRSA63J-680X	MG R	68Ω 1/16W J
	R1810	QRG01GJ-560	OM R	56Ω 1W J
	R1811	NRSA63J-221X	MG R	220Ω 1/16W J
	R1815	QRE121J-181Y	C R	180Ω 1/2W J
	R1816	NRSA63J-681X	MG R	680Ω 1/16W J
	R1817	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1901	QRF074K-4R7	UNF R	4.7Ω 7W K
	R1903	QRL029J-104	OM R	100kΩ 2W J
	R1904	QRL039J-151	OM R	150Ω 3W J
	R1906	QRL029J-104	OM R	100kΩ 2W J
	R1921	QRE121J-2R2Y	C R	2.2Ω 1/2W J
	R1922	QRE121J-221Y	C R	220Ω 1/2W J
	R1923	QRM024J-R22	MP R	0.22Ω 3W J
	R1928	QRL039J-683	OM R	68kΩ 3W J
	R1933	QRE121J-4R7Y	C R	4.7Ω 1/2W J
	R1934	NRSA63J-683X	MG R	68kΩ 1/16W J
	R1935	QRE121J-562Y	C R	5.6kΩ 1/2W J
	R1974	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1975	QRT029J-8R2	MF R	8.2Ω 2W J
	R1977	QRE121J-122Y	C R	1.2kΩ 1/2W J
	R1978	NRSA63J-473X	MG R	47kΩ 1/16W J
	R1979	QRL039J-220	OM R	22Ω 3W J
	R1980	QRL029J-152	OM R	1.5kΩ 2W J
⚠	R1991	QRZ9046-825Z	C R	8.2MΩ 1/2W K

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description
	C1001	QETN1HM-106Z	E CAP.	10µF 50V M
	C1002	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1004	QETN1CM-477Z	E CAP.	470µF 16V M
	C1005	QFV71HJ-104Z	MF CAP.	0.1µF 50V J
	C1008	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C1103	QETN1EM-476Z	E CAP.	47µF 25V M
	C1104	NCB31HK-472X	C CAP.	4700pF 50V K
	C1105	NCB31HK-472X	C CAP.	4700pF 50V K
	C1106	NCB31HK-472X	C CAP.	4700pF 50V K
	C1107	NCB31HK-472X	C CAP.	4700pF 50V K
	C1110	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	C1112	QETN1EM-476Z	E CAP.	47µF 25V M
	C1113	NCB31HK-472X	C CAP.	4700pF 50V K
	C1114	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1115	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1116	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1117	QFV71HJ-224Z	MF CAP.	0.22µF 50V J
	C1119	QETN1HM-474Z	E CAP.	0.47µF 50V M
	C1120	NDC31HJ-121X	C CAP.	120pF 50V J
	C1121	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1122	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	NCB31HK-152X	C CAP.	1500pF 50V K
	[illegible]	NCB31HK-123X	C CAP.	0.012µF 50V K
	[illegible]	QETN1HM-475Z	E CAP.	4.7µF 50V M
	[illegible]	NDC31HJ-100X	C CAP.	10pF 50V J
	[illegible]	QFV71HJ-474Z	MF CAP.	0.47µF 50V J
	[illegible]	QETN1HM-474Z	E CAP.	0.47µF 50V M
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	QETN1CM-477Z	E CAP.	470µF 16V M
	[illegible]	QETN1CM-107Z	E CAP.	100µF 16V M
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	NDC31HJ-221X	C CAP.	220pF 50V J
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	QEN[illegible]-474Z	E CAP.	0.47µF 50V M

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description
	[illegible]	QETN1HM-335Z	E CAP.	3.3µF 50V M
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	QETN1CM-107Z	E CAP.	100µF 16V M
	[illegible]	QETN1HM-106Z	E CAP.	10µF 50V M
	[illegible]	NCB31EK-473X	C CAP.	0.047µF 25V K
	[illegible]	NDC31HJ-120X	C CAP.	12pF 50V J
	[illegible]	NCB31EK-273X	C CAP.	0.027µF 25V K
	[illegible]	QETN1HM-474Z	E CAP.	0.47µF 50V M
	[illegible]	QETN1HM-106Z	E CAP.	10µF 50V M
	[illegible]	QENC1HM-106Z	BP E CAP.	10µF 50V M
	[illegible]	NCS21HJ-221X	C CAP.	220pF 50V J
	[illegible]	QETN1HM-106Z	E CAP.	10µF 50V M
	[illegible]	QFZ0097-103	MM CAP.	0.01µF 1250V K
	[illegible]	NDC31HJ-271X	C CAP.	270pF 50V J
	C1355	NDC31HJ-221X	C CAP.	220pF 50V J
	C1356	NDC31HJ-331X	C CAP.	330pF 50V J
	C1357	QETN1AM-477Z	E CAP.	470µF 10V M
	[illegible]	QENC1HM-105Z	E CAP.	1µF 50V M
	C1366	QENC1HM-105Z	E CAP.	1µF 50V M
	C1367	QENC1HM-105Z	E CAP.	1µF 50V M
	[illegible]	QFV71HJ-474Z	MF CAP.	0.47µF 50V J
	[illegible]	QCS32HJ-180Z	C CAP.	18pF 500V J
	[illegible]	QFLC2AJ-103Z	M CAP.	0.01µF 100V J
	[illegible]	QCB32HK-331Z	C CAP.	330pF 500V K
	[illegible]	QETN1VM-107Z	E CAP.	100µF 35V M
	[illegible]	QETN1VM-107Z	E CAP.	100µF 35V M
	[illegible]	QETN1HM-106Z	E CAP.	10µF 50V M
	[illegible]	QFN32AJ-472Z	M CAP.	4700pF 100V J
	[illegible]	QETN1HM-475Z	E CAP.	4.7µF 50V M
	[illegible]	QETN1EM-228	E CAP.	2200µF 25V M
	[illegible]	QFV71HJ-334Z	MF CAP.	0.33µF 50V J
	[illegible]	NCB31HK-104X	C CAP.	0.1µF 50V K
	[illegible]	QETN1AM-477Z	E CAP.	470µF 10V M
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	QETN1HM-106Z	E CAP.	10µF 50V M
	[illegible]	QETN1EM-476Z	E CAP.	47µF 25V M
⚠	[illegible]	QFZ0200-682	MPP CAP	6800pF 1.5kVH±3%
	[illegible]	QFLC1HJ-103Z	M CAP.	0.01µF 50V J
⚠	[illegible]	QFZ0199-564	MPP CAP.	0.56µF 250V J
	[illegible]	QFN32AJ-102Z	M CAP.	1000pF 100V J
	[illegible]	QEZ0203-107	E CAP.	100µF 160V M
	[illegible]	QETN1VM-108	E CAP.	1000µF 35V M
	[illegible]	QETN2EM-475Z	E CAP.	4.7µF 250V M
	[illegible]	QFN32AJ-682Z	M CAP.	6800pF 100V J
	C1557	QETN1HM-107Z	E CAP.	100µF 50V M
	[illegible]	QETN1AM-107Z	E CAP.	100µF 10V M
	[illegible]	QETN1EM-476Z	E CAP.	47µF 25V M
	[illegible]	QFV71HJ-104Z	MF CAP.	0.1µF 50V J
	[illegible]	NCB31HK-473X	C CAP.	0.047µF 50V K
	[illegible]	QETN1HM-106Z	E CAP.	10µF 50V M
	[illegible]	QETN1CM-477Z	E CAP.	470µF 16V M
	[illegible]	QETN1HM-106Z	E CAP.	10µF 50V M
	[illegible]	QENC1HM-105Z	E CAP.	1µF 50V M
	[illegible]	QETN1EM-107Z	E CAP.	100µF 25V M
	[illegible]	QETN1EM-227Z	E CAP.	220µF 25V M
	[illegible]	QETN1HM-475Z	E CAP.	4.7µF 50V M
	[illegible]	NCB31HK-102X	C CAP.	1000pF 50V K
	[illegible]	QETN1CM-107Z	E CAP.	100µF 16V M
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	QETN1HM-106Z	E CAP.	10µF 50V M
	[illegible]	QETN1CM-477Z	E CAP.	470µF 16V M
	[illegible]	NCB31HK-104X	C CAP.	0.1µF 50V K
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	QETN1AM-108Z	E CAP.	1000µF 10V M
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	QETN1CM-107Z	E CAP.	100µF 16V M
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	NDC31HJ-181X	C CAP.	180pF 50V J
	[illegible]	NDC31HJ-181X	C CAP.	180pF 50V J
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	QETN1HM-105Z	E CAP.	1µF 50V M
	[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	[illegible]	NCB31EK-333X	C CAP.	0.033µF 25V K
	[illegible]	NDC31HJ-101X	C CAP.	100pF 50V J

[AV-1435]

⚠	Symbol No.	Part No.	Part Name	Description
	CAPACITOR			
	C1724	NDC31HJ-151X	C CAP.	150pF 50V J
	C1728	NDC31HJ-181X	C CAP.	180pF 50V J
	C1729	NDC31HJ-181X	C CAP.	180pF 50V J
	C1730	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1744	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1805	QETN1CM-227Z	E CAP.	220μF 16V M
	C1806	QETN1CM-477Z	E CAP.	470μF 16V M
	C1811	QETN1HM-106Z	E CAP.	10μF 50V M
	C1841	NCB31HK-152X	C CAP.	1500pF 50V K
⚠	C1901	QFZ9078-224	MPF CAP.	0.22μFAC275V M
⚠	C1904	QCZ9015-102	C CAP.	1000pFAC250V Z
⚠	C1905	QCZ9015-102	C CAP.	1000pFAC250V Z
⚠	C1907	QCZ9015-102	C CAP.	1000pFAC250V Z
⚠	C1909	QEZ0552-127	E CAP.	or QEZ0199-127 120μF 400V M
⚠	C1910	QFZ9078-473	MPF CAP.	0.047μFAC275V M
	C1922	QFLC1HJ-104Z	M CAP.	0.1μF 50V J
	C1924	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C1925	QETN1VM-476Z	E CAP.	47μF 35V M
	C1926	QFLC1HJ-332Z	M CAP.	3300pF 50V J
⚠	C1929	QFKA2JK-103	MM CAP.	0.01μF 630V K
⚠	C1931	QCZ0364-681	C CAP.	680pF 2kV K
	C1932	NDC31HJ-681X	C CAP.	680pF 50V J
	C1941	QCZ0364-561	C CAP.	560pF 2kV K
	C1942	QEZ0203-107	E CAP.	100μF 150V M
	C1944	QCB32HK-222Z	C CAP.	2200pF 500V K
	C1945	QEHR1EM-108Z	E CAP.	1000μF 25V M
	C1946	QETN1EM-108Z	E CAP.	1000μF 25V M
	C1947	QCB32HK-222Z	C CAP.	2200pF 500V K
	C1948	QETN1EM-108Z	E CAP.	1000μF 25V M
	C1949	NDC31HJ-471X	C CAP.	470pF 50V J
	C1961	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C1976	QETN1EM-227Z	E CAP.	220μF 25V M
	C1977	QETN1CM-227Z	E CAP.	220μF 16V M
	C1978	QETN1EM-227Z	E CAP.	220μF 25V M
	C1979	QETN1AM-227Z	E CAP.	220μF 10V M
⚠	C1991	QCZ9079-102	C CAP.	1000pFAC250V M
⚠	C1992	QCZ9079-102	C CAP.	1000pFAC250V M
⚠	C1993	QCZ9079-152	C CAP.	1500pFAC250V M
	TRANSFORMER			
	T1501	CE40203-00CJ1	DRIVE TRANSF.	
⚠	T1522	QQH0132-001	F.B.TRANSF.	
⚠	T1921	QQS0161-001	SW TRANSF.	
	COIL			
	L1001	QQL244K-8R2Z	COIL	8.2μH K
	L1101	QQL244J-2R2Z	COIL	2.2μH J
	L1103	QQL244K-8R2Z	COIL	8.2μH K
	L1551	QQL2034-320	INDUCTOR	
	L1701	QQL244J-5R6Z	COIL	5.6μH J
	L1941	QQL26AK-820Z	COIL	82μH K
	L1942	QQL244J-4R7Z	INDUCTOR	
	L1943	QQL244J-4R7Z	INDUCTOR	
	DIODE			
	D1001	MTZJ33A-T2	ZENER DIODE	
	D1301	MTZJ9.1B-T2	ZENER DIODE	
	D1302	MTZJ9.1B-T2	ZENER DIODE	
	D1305	AK04-T2	SB DIODE	
	D1306	QRE121J-121Y	C R	120Ω 1/2W J
	D1341	MA111-X	SI.DIODE	
	D1421	MTZJ75-T2	ZENER DIODE	
	D1423	1SR124-400A-T2	SI.DIODE	
	D1425	MA111-X	SI.DIODE	
	D1427	MTZJ27B-T2	ZENER DIODE	
	D1501	MTZJ6.8C-T2	ZENER DIODE	
	D1551	RGP10J-5025-T3	SI.DIODE	
	D1552	RGP10J-5025-T3	SI.DIODE	
	D1553	MTZJ9.1B-T2	ZENER DIODE	
	D1554	MA111-X	SI.DIODE	
	D1557	1SR124-400A-T2	SI.DIODE	
	D1571	MTZJ7.5B-T2	ZENER DIODE	

⚠	Symbol No.	Part No.	Part Name	Description
	DIODE			
	D1582	MTZJ[illegible]-T2	ZENER DIODE	
	D1583	RGP10J-5025-T3	SI.DIODE	
	D1651	MA111-X	SI.DIODE	
	D1652	MTZJ[illegible]-T2	ZENER DIODE	
	D1653	MA111-X	SI.DIODE	
	D1654	MTZJ[illegible]-T2	ZENER DIODE	
	D1655	MA111-X	SI.DIODE	
	D1656	MA111-X	SI.DIODE	
	D1657	MA111-X	SI.DIODE	
	D1702	MA111-X	SI.DIODE	
	D1704	SLR-342[illegible]-T15	LED	
	D1705	SLR-342[illegible]-T15	LED	
	D1707	MA111-X	SI.DIODE	
	D1711	MA111-X	SI.DIODE	
	D1801	MA111-X	SI.DIODE	
⚠	D1901	G2SBA60	BRIDGE DIODE	
	D1921	RGP10J-5025-T3	SI.DIODE	
	D1925	RGP10J-5025-T3	SI.DIODE	
	D1927	MTZJ36A-T2	ZENER DIODE	
	D1928	MTZJ3.3A-T2	ZENER DIODE	
	D1929	MTZJ3.3A-T2	ZENER DIODE	
	D1930	RGP10M-5025-T3	SI.DIODE	
	D1931	MA111-X	SI.DIODE	
	D1933	MTZJ16C-T2	ZENER DIODE	
	D1941	RU3AM-LFC4	SI.DIODE	
	D1942	RU3YX-LFC4	SI.DIODE	
	D1943	RGP10J-5025-T3	SI.DIODE	
	D1982	MA111-X	SI.DIODE	
	D1983	MA111-X	SI.DIODE	
	TRANSISTOR			
	Q1102	2SC5083[illegible]-T	SI.TRANSISTOR	
	Q1301	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1302	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1351	STC344-T	SI.TRANSISTOR	
	Q1352	STC344-T	SI.TRANSISTOR	
	Q1353	STC344-T	SI.TRANSISTOR	
	Q1401	DTC124ESA-T	DIGI.TRANSISTOR	
	Q1402	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1521	2SC2655/Y/-T	SI.TRANSISTOR	
⚠	Q1522	2SD2658LS-YB11	POWER TRANSISTOR	H.OUT
	Q1571	2SA1208/ST/Z1-T	SI.TRANSISTOR	
	Q1572	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1651	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1652	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1653	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1702	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1703	UN2212-X	DIGI.TRANSISTOR	
	Q1708	UN2212-X	DIGI.TRANSISTOR	
	Q1706	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1803	2SC1815/YG/-T	SI.TRANSISTOR	
	Q1804	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1974	2SA966/OY/-T	SI.TRANSISTOR	
	Q1975	UN2212-X	DIGI.TRANSISTOR	
	IC			
	IC1301	MN5198K	I C	
	IC1421	AN5522	I C	
	IC1651	AN5265	I C	
⚠	IC1701	MN18732[illegible]	I C	
	IC1702	AT24C08-[illegible]DMG3	I C	(SERVICE)
	IC1703	L78LR05E-MA	I C	
	IC1704	PIC-47143SM	IR DETECT UNIT	
⚠	IC1521	STR-W5753A/F5	I C	
	IC1971	BA17809T	I C	
	IC1972	BA17805T	I C	

[AV-1435]

⚠	Symbol No.	Part No.	Part Name	Description
	OTHERS			
		LC30114-001C-H	LED HOLDER	
		CM35921-005-H	CDS HOLDER	
⚠	CP1981	ICP-N25-Y	I.C.PROTECT	
⚠	CP1982	ICP-N75-Y	I.C.PROTECT	
⚠	F1901	QMF51E2-3R15J4	FUSE	3.15A
	FC1901	CEM0002-001Z	FUSE CLIP	(X2)
	FR1557	QRJ146J-2R2X	C R	2.2Ω 1/4W J
	J1002	QNN0384-001	PIN JACK	
	J1003	QNN0281-003	PIN JACK	or CEMN065-001
	J1004	QNN0281-002	PIN JACK	or CEMN065-002
⚠	J1005	QNS0197-001	3.5 JACK	
	K1351	QQR0621-002Z	FERRITE BEADS	
	K1421	QQR1113-001Z	FERRITE BEADS	
	K1941	QQR1113-001Z	FERRITE BEADS	
	K1942	QQR1113-001Z	FERRITE BEADS	
	K1943	QQR1113-001Z	FERRITE BEADS	
⚠	LF1901	QQR0673-002	LINE FILTER	
	PC1701	P1241-04	PHOTO CONDUCTOR	
	S1701	QSW0619-003Z	TACT SWITCH	VOL+
	S1702	QSW0619-003Z	TACT SWITCH	VOL-
	S1703	QSW0619-003Z	TACT SWITCH	CH+
	S1704	QSW0619-003Z	TACT SWITCH	CH-
	S1705	QSW0619-003Z	TACT SWITCH	MENU
⚠	S1901	QSW0750-001	PUSH SWITCH	POWER SW
	SF1102	QAX0666-002	SAW FILTER	
	SF1122	QAX0825-001	SAW FILTER	
⚠	SK1351	CE42554-001	C R T SOCKET	or QNZ0536-001
⚠	TH1901	CEKP011-001J2	W-PTC	or QAD0119-9R0
⚠	TU1001	QAU0287-001	TUNER	
⚠	VA1901	ERZV10V621CS	VARISTOR	or QAF0052-621
⚠	X1301	QAX0705-001Z	CRYSTAL	
	X1302	CE41651-001Z	X-TAL	
	X1701	QAX0807-001	C RESONATOR	

PRINTED WIRING BOARD PARTS LIST

[AV-1435EE]

MAIN P.W. BOARD ASS'Y (SCG-1418A-H2)

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description
	R1002	NRSA63J-221X	MG R	220Ω 1/16W J
	R1003	NRSA63J-221X	MG R	220Ω 1/16W J
	R1004	NRSA63J-563X	MG R	56kΩ 1/16W J
	R1102	NRSA63J-750X	MG R	75Ω 1/16W J
	R1103	NRSA63J-100X	MG R	10Ω 1/16W J
	R1109	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1110	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1111	NRSA63J-181X	MG R	180Ω 1/16W J
	R1112	NRSA63J-100X	MG R	10Ω 1/16W J
	R1113	NRSA63J-101X	MG R	100Ω 1/16W J
	R1120	NRSA63J-391X	MG R	390Ω 1/16W J
	R1121	NRSA63J-221X	MG R	220Ω 1/16W J
	R1159	NRSA02J-184X	MG R	180kΩ 1/10W J
	R1301	NRSA63J-221X	MG R	220Ω 1/16W J
	R1302	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1303	NRSA63J-101X	MG R	100Ω 1/16W J
	R1304	NRSA63J-101X	MG R	100Ω 1/16W J
	R1305	NRSA63J-101X	MG R	100Ω 1/16W J
	R1306	NRSA63J-221X	MG R	220Ω 1/16W J
	R1307	NRSA63J-122X	MG R	1.2kΩ 1/16W J
	R1308	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1312	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1313	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1314	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1321	NRSA63J-152X	MG R	1.5kΩ 1/16W J
	R1322	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1323	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1324	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1326	NRSA63J-101X	MG R	100Ω 1/16W J
	R1327	NRSA02J-475X	MG R	4.7MΩ 1/10W J
	R1341	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1345	NRSA63J-151X	MG R	150Ω 1/16W J
	R1346	NRSA63J-151X	MG R	150Ω 1/16W J
	R1353	NRSA63J-151X	MG R	150Ω 1/16W J
	R1354	NRSA63J-331X	MG R	330Ω 1/16W J
	R1355	NRSA63J-331X	MG R	330Ω 1/16W J
	R1356	NRSA63J-331X	MG R	330Ω 1/16W J
	R1357	NRSA63J-101X	MG R	100Ω 1/16W J
	R1358	NRSA63J-101X	MG R	100Ω 1/16W J
	R1359	NRSA63J-101X	MG R	100Ω 1/16W J
	R1360	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1361	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1362	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1363	QRL029J-123	OM R	12kΩ 2W J
	R1364	QRL029J-123	OM R	12kΩ 2W J
	R1365	QRL029J-123	OM R	12kΩ 2W J
	R1366	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1367	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1368	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1372	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1374	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1401	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1421	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1423	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1424	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1425	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1426	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1429	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1430	NRSA63J-823X	MG R	82kΩ 1/16W J
	R1431	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1432	QRE121J-3R9Y	C R	3.9Ω 1/2W J
	R1433	QRE121J-3R9Y	C R	3.9Ω 1/2W J
	R1436	NRSA63J-823X	MG R	82kΩ 1/16W J
	R1440	QRE121J-471Y	C R	470Ω 1/2W J
	R1441	NRSA63J-822X	MG R	8.2kΩ 1/16W J
	R1442	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1443	QRE121J-1R0Y	C R	1.0Ω 1/2W J
	R1453	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1502	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1503	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1525	QRL029J-180	OM R	18Ω 2W J
	R1526	QRE121J-271Y	C R	270Ω 1/2W J
	R1529	QRL039J-681	OM R	680Ω 3W J
	R1531	NRSA63J-331X	MG R	330Ω 1/16W J
	R1532	NRSA63J-102X	MG R	1kΩ 1/16W J
⚠	R1551	QRZ9011-1R0	F R	1.0Ω 1/2W J
	R1552	QRD146J-2R2X	C R	2.2Ω 1/4W J
	R1554	QRE121J-681Y	C R	680Ω 1/2W J
	R1571	QRE121J-222Y	C R	2.2kΩ 1/2W J
	R1573	QRT029J-2R2	MF R	2.2Ω 2W J
	R1574	QRT029J-1R5	MF R	1.5Ω 2W J
	R1576	QRE121J-223Y	C R	22kΩ 1/2W J
	R1577	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R1578	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1581	QRE121J-182Y	C R	1.8kΩ 1/2W J
	R1582	NRSA63J-223X	MG R	22kΩ 1/16W J
	R1583	NRSA63J-393X	MG R	39kΩ 1/16W J
	R1651	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1652	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1653	NRSA63J-331X	MG R	330Ω 1/16W J
	R1654	NRSA63J-223X	MG R	22kΩ 1/16W J
	R1655	NRSA63J-473X	MG R	47kΩ 1/16W J
	R1656	NRSA63J-822X	MG R	8.2kΩ 1/16W J
	R1657	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1658	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1659	QRE121J-4R7Y	C R	4.7Ω 1/2W J
	R1660	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1661	QRE121J-271Y	C R	270Ω 1/2W J
	R1662	QRE121J-271Y	C R	270Ω 1/2W J
	R1664	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1665	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1666	NRSA63J-101X	MG R	100Ω 1/16W J
	R1667	QRE121J-101Y	C R	100Ω 1/2W J
⚠	R1668	QRT029J-5R6	MF R	5.6Ω 2W J
	R1701	NRSA63J-562X	MG R	5.6kΩ 1/16W J
	R1702	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1703	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R1704	NRSA63J-221X	MG R	220Ω 1/16W J
	R1705	NRSA63J-221X	MG R	220Ω 1/16W J
	R1706	NRSA63J-561X	MG R	560Ω 1/16W J
	R1707	NRSA63J-561X	MG R	560Ω 1/16W J
	R1708	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1709	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1710	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1711	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1712	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1713	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1714	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1715	NRSA63J-221X	MG R	220Ω 1/16W J
	R1716	NRSA63J-221X	MG R	220Ω 1/16W J
	R1718	NRSA63J-561X	MG R	560Ω 1/16W J
	R1719	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1720	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1721	NRSA63J-103X	MG R	10kΩ 1/16W J
⚠	R1723	QRL039J-270	OM R	27Ω 3W J
	R1725	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1726	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1727	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1728	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1729	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1730	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1731	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1736	NRSA63J-823X	MG R	82kΩ 1/16W J
	R1737	NRSA63J-104X	MG R	100kΩ 1/16W J
	R1738	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1739	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1740	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R1741	NRSA63J-561X	MG R	560Ω 1/16W J
	R1742	NRSA63J-563X	MG R	56kΩ 1/16W J
	R1746	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1747	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1748	NRSA63J-101X	MG R	100Ω 1/16W J
	R1749	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1772	NRSA63J-821X	MG R	820Ω 1/16W J

[AV-1435EE]

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description
	R1772	NRSA63J-821X	MG R	820Ω 1/16W J
	R1791	NRSA63J-221X	MG R	220Ω 1/16W J
	R1792	NRSA63J-221X	MG R	220Ω 1/16W J
	R1793	NRSA63J-221X	MG R	220Ω 1/16W J
	R1794	NRSA63J-221X	MG R	220Ω 1/16W J
	R1795	NRSA63J-221X	MG R	220Ω 1/16W J
	R1796	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1797	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1802	NRSA63J-750X	MG R	75Ω 1/16W J
	R1806	QRE121J-271Y	C R	270Ω 1/2W J
	R1807	NRSA63J-680X	MG R	68Ω 1/16W J
	R1810	QRG01GJ-560	OM R	56Ω 1W J
	R1811	NRSA63J-221X	MG R	220Ω 1/16W J
	R1815	QRE121J-181Y	C R	180Ω 1/2W J
	R1816	NRSA63J-681X	MG R	680Ω 1/16W J
	R1817	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1901	QRF074K-4R7	UNF R	4.7Ω 7W K
	R1903	QRL029J-104	OM R	100kΩ 2W J
	R1906	QRL029J-104	OM R	100kΩ 2W J
	R1921	QRE121J-2R2Y	C R	2.2Ω 1/2W J
	R1922	QRE121J-221Y	C R	220Ω 1/2W J
	R1923	QRM034J-R22	MP R	0.22Ω 3W J
	R1928	QRL039J-683	OM R	68kΩ 3W J
	R1933	QRE121J-4R7Y	C R	4.7Ω 1/2W J
	R1934	NRSA63J-683X	MG R	68kΩ 1/16W J
	R1935	QRE121J-562Y	C R	5.6kΩ 1/2W J
	R1974	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1976	QRT029J-8R2	MF R	8.2Ω 2W J
	R1977	QRE121J-122Y	C R	1.2kΩ 1/2W J
	R1978	NRSA63J-473X	MG R	47kΩ 1/16W J
	R1979	QRL039J-220	OM R	22Ω 3W J
	R1980	QRL029J-152	OM R	1.5kΩ 2W J
⚠	R1991	QRZ9046-825Z	C R	8.2MΩ 1/2W K

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description
	C1001	QETN1HM-106Z	E CAP.	10µF 50V M
	C1002	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1004	QETN1CM-477Z	E CAP.	470µF 16V M
	C1005	QFV71HJ-104Z	MF CAP.	0.1µF 50V J
	C1008	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C1103	QETN1EM-476Z	E CAP.	47µF 25V M
	C1104	NCB31HK-472X	C CAP.	4700pF 50V K
	C1105	NCB31HK-472X	C CAP.	4700pF 50V K
	C1106	NCB31HK-472X	C CAP.	4700pF 50V K
	C1107	NCB31HK-472X	C CAP.	4700pF 50V K
	C1110	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	C1112	QETN1EM-476Z	E CAP.	47µF 25V M
	C1113	NCB31HK-472X	C CAP.	4700pF 50V K
	C1114	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1115	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1116	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1117	QFV71HJ-224Z	MF CAP.	0.22µF 50V J
	C1119	QETN1HM-474Z	E CAP.	0.47µF 50V M
	C1120	NDC31HJ-121X	C CAP.	120pF 50V J
	C1121	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1122	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1162	NCB31HK-152X	C CAP.	1500pF 50V K
	C1301	NCB31HK-123X	C CAP.	0.012µF 50V K
	C1302	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C1303	NDC31HJ-100X	C CAP.	10pF 50V J
	C1304	QFV71HJ-474Z	MF CAP.	0.47µF 50V J
	C1305	QETN1HM-474Z	E CAP.	0.47µF 50V M
	C1306	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1307	QETN1CM-477Z	E CAP.	470µF 16V M
	C1308	QETN1CM-107Z	E CAP.	100µF 16V M
	C1309	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1310	NDC31HJ-[illegible]	C CAP.	[illegible] 50V J
	C1311	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1312	QENC1HM-474Z	E CAP.	0.47µF 50V M
	C1313	QETN1HM-335Z	E CAP.	3.3µF 50V M
	C1314	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1315	QETN1CM-107Z	E CAP.	100µF 16V M
	C1316	QETN1HM-106Z	E CAP.	10µF 50V M
	C1317	NCB31EK-473X	C CAP.	0.047µF 25V K
	C1321	NDC31HJ-120X	C CAP.	12pF 50V J
	C1322	NCB31EK-273X	C CAP.	0.027µF 25V K
	C1323	QETN1HM-474Z	E CAP.	0.47µF 50V M
	C1324	QETN1HM-106Z	E CAP.	10µF 50V M
	C1325	QENC1HM-106Z	BP E CAP.	10µF 50V M
	C1326	NCS21HJ-221X	C CAP.	220pF 50V J
	C1341	QETN1HM-106Z	E CAP.	10µF 50V M
	C1352	QFZ0097-103	MM CAP.	0.01µF 1250V K
	C1354	NDC31HJ-271X	C CAP.	270pF 50V J
	C1355	NDC31HJ-221X	C CAP.	220pF 50V J
	C1356	NDC31HJ-331X	C CAP.	330pF 50V J
	C1357	QETN1AM-477Z	E CAP.	470µF 10V M
	C1365	QENC1HM-105Z	E CAP.	1µF 50V M
	C1366	QENC1HM-105Z	E CAP.	1µF 50V M
	C1367	QENC1HM-105Z	E CAP.	1µF 50V M
	C1401	QFV71HJ-474Z	MF CAP.	0.47µF 50V J
	C1423	QCS32HJ-180Z	C CAP.	18pF 500V J
	C1424	QFL02AJ-103Z	M CAP.	0.01µF 100V J
	C1426	QCB32HK-331Z	C CAP.	330pF 500V K
	C1427	QETN1VM-107Z	E CAP.	100µF 35V M
	C1428	QETN1VM-107Z	E CAP.	100µF 35V M
	C1429	QETN1HM-106Z	E CAP.	10µF 50V M
	C1430	QFN32AJ-472Z	M CAP.	4700pF 100V J
	C1433	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C1435	QETN1EM-228	E CAP.	2200µF 25V M
	C1436	QFV71HJ-334Z	MF CAP.	0.33µF 50V J
	C1437	NCB31HK-104X	C CAP.	0.1µF 50V K
	C1501	QETN1AM-477Z	E CAP.	470µF 10V M
	C1502	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1503	QETN1HM-106Z	E CAP.	10µF 50V M
	C1523	QETN1EM-476Z	E CAP.	47µF 25V M
⚠	C1525	QFZ0200-682	MPP CAP	6800pF 1.5kVH±3%
	C1526	QFLC1HJ-103Z	M CAP.	0.01µF 50V J
⚠	C1527	QFZ0199-564	MPP CAP.	0.56µF 250V J
	C1529	QFN32AJ-102Z	M CAP.	1000pF 100V J
	C1531	QEZ0203-107	E CAP.	100µF 160V M
	C1552	QETN1VM-108	E CAP.	1000µF 35V M
	C1554	QETN2EM-475Z	E CAP.	4.7µF 250V M
	C1555	QFN32AJ-682Z	M CAP.	6800pF 100V J
	C1557	QETN1HM-107Z	E CAP.	100µF 50V M
	C1571	QETN1AM-107Z	E CAP.	100µF 10V M
	C1572	QETN1EM-476Z	E CAP.	47µF 25V M
	C1581	QFV71HJ-104Z	MF CAP.	0.1µF 50V J
	C1652	NCB31HK-473X	C CAP.	0.047µF 50V K
	C1653	QETN1HM-106Z	E CAP.	10µF 50V M
	C1654	QETN1CM-477Z	E CAP.	470µF 16V M
	C1655	QETN1HM-106Z	E CAP.	10µF 50V M
	C1656	QENC1HM-105Z	E CAP.	1µF 50V M
	C1657	QETN1EM-107Z	E CAP.	100µF 25V M
	C1658	QETN1EM-227Z	E CAP.	220µF 25V M
	C1659	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C1663	NCB31HK-102X	C CAP.	1000pF 50V K
	C1664	QETN1CM-107Z	E CAP.	100µF 16V M
	C1665	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1701	QETN1HM-106Z	E CAP.	10µF 50V M
	C1705	QETN1CM-477Z	E CAP.	470µF 16V M
	C1706	NCB31HK-104X	C CAP.	0.1µF 50V K
	C1707	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1708	QETN1AM-108Z	E CAP.	1000µF 10V M
	C1709	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1710	QETN1CM-107Z	E CAP.	100µF 16V M
	C1711	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1712	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1713	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1715	NDC31HJ-181X	C CAP.	180pF 50V J
	C1717	NDC31HJ-181X	C CAP.	180pF 50V J
	C1718	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1719	QETN1HM-105Z	E CAP.	1µF 50V M
	C1720	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1721	NCB31EK-333X	C CAP.	0.033µF 25V K
	C1722	NDC31HJ-101X	C CAP.	100pF 50V J
	C1724	NDC31HJ-151X	C CAP.	150pF 50V J
	C1728	NDC31HJ-181X	C CAP.	180pF 50V J
	C1729	NDC31HJ-181X	C CAP.	180pF 50V J
	C1730	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1744	NCB31HK-103X	C CAP.	0.01µF 50V K

[AV-1435EE]

⚠	Symbol No.	Part No.	Part Name	Description
	CAPACITOR			
	C1805	QETM1CM-227Z	E CAP.	220μF 16V M
	C1806	QETM1CM-477Z	E CAP.	470μF 16V M
	C1811	QETM1HM-106Z	E CAP.	10μF 50V M
	C1841	NCB31HK-152X	C CAP.	1500pF 50V K
⚠	C1901	QFZ9078-224	MPF CAP.	0.22μFAC275V M
⚠	C1904	QCZ9015-102	C CAP.	1000pFAC250V Z
⚠	C1905	QCZ9015-102	C CAP.	1000pFAC250V Z
⚠	C1907	QCZ9015-102	C CAP.	1000pFAC250V Z
⚠	C1909	QEZ0552-127	E CAP.	or QEZ0199-1[illegible] 120μF 400V M
⚠	C1910	QFZ9078-473	MPF CAP.	0.047μFAC275V M
	C1922	QFLC1HJ-104Z	M CAP.	0.1μF 50V J
	C1924	QETM1HM-475Z	E CAP.	4.7μF 50V M
	C1925	QETM1VM-476Z	E CAP.	47μF 35V M
	C1926	QFLC1HJ-332Z	M CAP.	3300pF 50V J
⚠	C1929	QFKA2JK-103	MM CAP.	0.01μF 630V K
⚠	C1931	QCZ0364-681	C CAP.	680pF 2kV K
	C1932	NDC31HJ-681X	C CAP.	680pF 50V J
	C1941	QCZ0364-561	C CAP.	560pF 2kV K
	C1942	QEZ0203-107	E CAP.	100μF 160V M
	C1944	QCB32HK-222Z	C CAP.	2200pF 500V K
	C1945	QEHR1EM-108Z	E CAP.	1000μF 25V M
	C1946	QETM1EM-108Z	E CAP.	1000μF 25V M
	C1947	QCB32HK-222Z	C CAP.	2200pF 500V K
	C1948	QETM1EM-108Z	E CAP.	1000μF 25V M
	C1949	NDC31HJ-471X	C CAP.	470pF 50V J
	C1961	QETM1HM-475Z	E CAP.	4.7μF 50V M
	C1976	QETM1EM-227Z	E CAP.	220μF 25V M
	C1977	QETM1CM-227Z	E CAP.	220μF 16V M
	C1978	QETM1EM-227Z	E CAP.	220μF 25V M
	C1979	QETM1AM-227Z	E CAP.	220μF 10V M
⚠	C1991	QCZ9079-102	C CAP.	1000pFAC250V M
⚠	C1992	QCZ9079-102	C CAP.	1000pFAC250V M
⚠	C1993	QCZ9079-152	C CAP.	1500pFAC250V M
	TRANSFORMER			
	T1501	CE40203-00CJ1	DRIVE TRANSF.	
⚠	T1522	QQH0132-001	F.B.TRANSF.	
⚠	T1921	QQS0161-001	SW TRANSF.	
	COIL			
	L1001	QQL244K-8R2Z	COIL	8.2μH K
	L1101	QQL244J-2R2Z	COIL	2.2μH J
	L1103	QQL244K-8R2Z	COIL	8.2μH K
	L1551	QQLZ034-320	INDUCTOR	
	L1701	QQL244J-5R6Z	COIL	5.6μH J
	L1941	QQL26AK-820Z	COIL	82μH K
	L1942	QQL244J-4R7Z	INDUCTOR	
	L1943	QQL244J-4R7Z	INDUCTOR	
	DIODE			
	D1001	MTZJ33A-T2	ZENER DIODE	
	D1301	MTZJ9.1B-T2	ZENER DIODE	
	D1302	MTZJ9.1B-T2	ZENER DIODE	
	D1305	AK04-T2	SB DIODE	
	D1306	QRE121J-121Y	C R	120Ω 1/2W J
	D1341	MA111-X	SI.DIODE	
	D1421	MTZJ75-T2	ZENER DIODE	
	D1423	1SR124-400A-T2	SI.DIODE	
	D1425	MA111-X	SI.DIODE	
	D1427	MTZJ27B-T2	ZENER DIODE	
	D1501	MTZJ6.8C-T2	ZENER DIODE	
	D1551	RGP10J-5025-T3	SI.DIODE	
	D1552	RGP10J-5025-T3	SI.DIODE	
	D1553	MTZJ9.1B-T2	ZENER DIODE	
	D1554	MA111-X	SI.DIODE	
	D1557	1SR124-400A-T2	SI.DIODE	
	D1571	MTZJ7.5S-T2	ZENER DIODE	
	D1581	MTZJ20B-T2	ZENER DIODE	
	D1582	RGP10J-5025-T3	SI.DIODE	
	D1651	MA111-X	SI.DIODE	
	D1652	MTZJ12C-T2	ZENER DIODE	
	D1653	MA111-X	SI.DIODE	
	D1654	MTZJ12C-T2	ZENER DIODE	
	D1655	MA111-X	SI.DIODE	
	D1656	MA111-X	SI.DIODE	

⚠	Symbol No.	Part No.	Part Name	Description
	DIODE			
	D1657	MA111-X	SI.DIODE	
	D1702	MA111-X	SI.DIODE	
	D1704	SLR-342VP-T15	LED	
	D1705	SLR-342DU-T15	LED	
	D1707	MA111-X	SI.DIODE	
	D1731	MA111-X	SI.DIODE	
	D1801	MA111-X	SI.DIODE	
⚠	D1901	G2SBA60	BRIDGE DIODE	
	D1921	RGP10J-5025-T3	SI.DIODE	
	D1925	RGP10J-5025-T3	SI.DIODE	
	D1927	MTZJ36A-T2	ZENER DIODE	
	D1928	MTZJ3.3A-T2	ZENER DIODE	
	D1929	MTZJ3.3A-T2	ZENER DIODE	
	D1930	RGP10M-5010-T3	SI.DIODE	
	D1931	MA111-X	SI.DIODE	
	D1933	MTZJ16C-T2	ZENER DIODE	
	D1941	RU3AM-LFC4	SI.DIODE	
	D1942	RU3YX-LFC4	SI.DIODE	
	D1943	RGP10J-5025-T3	SI.DIODE	
	D1982	MA111-X	SI.DIODE	
	D1983	MA111-X	SI.DIODE	
	TRANSISTOR			
	Q1102	2SC5083/L-P/-T	SI.TRANSISTOR	
	Q1301	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1302	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1351	STC344-T	SI.TRANSISTOR	
	Q1352	STC344-T	SI.TRANSISTOR	
	Q1353	STC344-T	SI.TRANSISTOR	
	Q1401	DTC124ESA-T	DIGI.TRANSISTOR	
	Q1402	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1521	2SC2655/Y/-T	SI.TRANSISTOR	
⚠	Q1522	2SD2558LS-YB11	POWER TRANSISTOR	H.OUT
	Q1571	2SA1208/ST/Z1-T	SI.TRANSISTOR	
	Q1572	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1651	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1652	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1653	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1702	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1703	UN2212-X	DIGI.TRANSISTOR	
	Q1708	UN2212-X	DIGI.TRANSISTOR	
	Q1709	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1803	2SC1815/YG/-T	SI.TRANSISTOR	
	Q1804	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1974	2SA966/OY/-T	SI.TRANSISTOR	
	Q1975	UN2212-X	DIGI.TRANSISTOR	
	IC			
	IC1301	MN5198K	I C	
	IC1421	AN5522	I C	
	IC1651	AN5265	I C	
⚠	IC1701	MN1873287JK1	I C(MCU)	
	IC1702	AT24C08-21DIG3	I C	(SERVICE)
	IC1703	L78LR05E-MA	I C	
	IC1704	PIC-47143SY	IR DETECT UNIT	
⚠	IC1921	STR-W5753A/F5	I C	
	IC1971	BA17809T	I C	
	IC1972	BA17805T	I C	

[AV-1435EE]

⚠	Symbol No.	Part No.	Part Name	Description
	OTHERS			
		LC30114-001C-H	LED HOLDER	
		CM35921-005-H	CDS HOLDER	
⚠	CP1981	ICP-N25-Y	I.C.PROTECT	
⚠	CP1982	ICP-N75-Y	I.C.PROTECT	
⚠	F1901	QMF51E2-3R15J4	FUSE	3.15A
	FC1901	CEM0002-001Z	FUSE CLIP	
	FR1557	QRJ146J-2R2X	C R	2.2Ω 1/4W J
	J1002	QNN0384-001	PIN JACK	
	J1003	QNN0281-003	PIN JACK	or CEMN065-001
	J1004	QNN0281-002	PIN JACK	or CEMN065-002
⚠	J1005	QNS0197-001	3.5 JACK	
	K1351	QQR0621-002Z	FERRITE BEADS	
	K1421	QQR1113-001Z	FERRITE BEADS	
	K1941	QQR1113-001Z	FERRITE BEADS	
	K1942	QQR1113-001Z	FERRITE BEADS	
	K1943	QQR1113-001Z	FERRITE BEADS	
⚠	LF1901	QQR0673-002	LINE FILTER	
	PC1701	P1241-04	PHOTO CONDUCTOR	
	S1701	QSW0619-003Z	TACT SWITCH	VOL+
	S1702	QSW0619-003Z	TACT SWITCH	VOL-
	S1703	QSW0619-003Z	TACT SWITCH	CH+
	S1704	QSW0619-003Z	TACT SWITCH	CH-
	S1705	QSW0619-003Z	TACT SWITCH	MENU
⚠	S1901	QSW0750-001	PUSH SWITCH	POWER SW
	SF1102	QAX0566-002	SAW FILTER	
	SF1122	QAX0325-001	SAW FILTER	
⚠	SK1351	CE42554-001	C R T SOCKET	or QNZ0536-001
⚠	TH1901	QAD0121-9R0	THERMISTOR	or QAD0119-9R0
⚠	TU1001	QAU0287-001	TUNER	
⚠	VA1901	ERZV10V621CS	VARISTOR	or QAF0052-621
⚠	X1301	QAX0705-001Z	CRYSTAL	
	X1302	CE41651-001Z	X-TAL	
	X1701	QAX0307-001	C RESONATOR	

PRINTED WIRING BOARD PARTS LIST

[AV-1435TEE]

MAIN P.W. BOARD ASS'Y (SCG-1419A-H2)

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description
	R1002	NRSA63J-221X	MG R	220Ω 1/16W J
	R1003	NRSA63J-221X	MG R	220Ω 1/16W J
	R1004	NRSA63J-563X	MG R	56kΩ 1/16W J
	R1102	NRSA63J-750X	MG R	75Ω 1/16W J
	R1103	NRSA63J-100X	MG R	10Ω 1/16W J
	R1109	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1110	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1111	NRSA63J-181X	MG R	180Ω 1/16W J
	R1112	NRSA63J-220X	MG R	22Ω 1/16W J
	R1113	NRSA63J-101X	MG R	100Ω 1/16W J
	R1114	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1115	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1117	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1118	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1120	NRSA63J-391X	MG R	390Ω 1/16W J
	R1121	NRSA63J-221X	MG R	220Ω 1/16W J
	R1159	NRSA02J-184X	MG R	180kΩ 1/10W J
	R1161	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1162	NRSA63J-122X	MG R	1.2kΩ 1/16W J
	R1163	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1164	NRSA63J-221X	MG R	220Ω 1/16W J
	R1165	NRSA63J-220X	MG R	22Ω 1/16W J
	R1166	NRSA63J-821X	MG R	820Ω 1/16W J
	R1301	NRSA63J-221X	MG R	220Ω 1/16W J
	R1302	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1303	NRSA63J-101X	MG R	100Ω 1/16W J
	R1304	NRSA63J-101X	MG R	100Ω 1/16W J
	R1305	NRSA63J-101X	MG R	100Ω 1/16W J
	R1306	NRSA63J-221X	MG R	220Ω 1/16W J
	R1307	NRSA63J-122X	MG R	1.2kΩ 1/16W J
	R1308	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1312	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1313	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1314	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1321	NRSA63J-152X	MG R	1.5kΩ 1/16W J
	R1322	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1323	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1324	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1326	NRSA63J-101X	MG R	100Ω 1/16W J
	R1327	NRSA02J-475X	MG R	4.7MΩ 1/10W J
	R1340	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1345	NRSA63J-151X	MG R	150Ω 1/16W J
	R1346	NRSA63J-151X	MG R	150Ω 1/16W J
	R1353	NRSA63J-151X	MG R	150Ω 1/16W J
	R1354	NRSA63J-331X	MG R	330Ω 1/16W J
	R1355	NRSA63J-331X	MG R	330Ω 1/16W J
	R1356	NRSA63J-331X	MG R	330Ω 1/16W J
	R1357	NRSA63J-101X	MG R	100Ω 1/16W J
	R1358	NRSA63J-101X	MG R	100Ω 1/16W J
	R1359	NRSA63J-101X	MG R	100Ω 1/16W J
	R1360	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1361	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1362	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1363	QRL029J-123	OM R	12kΩ 2W J
	R1364	QRL029J-123	OM R	12kΩ 2W J
	R1365	QRL029J-123	OM R	12kΩ 2W J
	R1366	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1367	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1368	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1372	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1373	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1374	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1375	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1376	NRSA63J-562X	MG R	5.6kΩ 1/16W J
	R1377	NRSA63J-104X	MG R	100kΩ 1/16W J
	R1378	NRSA63J-104X	MG R	100kΩ 1/16W J
	R1379	NRSA63J-104X	MG R	100kΩ 1/16W J
	R1380	NRSA63J-154X	MG R	150kΩ 1/16W J
	R1381	NRSA63J-154X	MG R	150kΩ 1/16W J
	R1382	NRSA63J-154X	MG R	150kΩ 1/16W J
	R1383	NRSA63J-273X	MG R	27kΩ 1/16W J

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description
	R1384	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1385	NRSA63J-123X	MG R	12kΩ 1/16W J
	R1401	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1421	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1423	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1424	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1425	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1426	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1429	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1430	NRSA63J-823X	MG R	82kΩ 1/16W J
	R1431	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1432	QRE121J-3R9Y	C R	3.9Ω 1/2W J
	R1433	QRE121J-3R9Y	C R	3.9Ω 1/2W J
	R1436	NRSA63J-823X	MG R	82kΩ 1/16W J
	R1437	NRSA63J-822X	MG R	8.2kΩ 1/16W J
	R1438	NRSA63J-223X	MG R	22kΩ 1/16W J
	R1439	NRSA63J-104X	MG R	100kΩ 1/16W J
	R1440	QRE121J-471Y	C R	470Ω 1/2W J
	R1441	NRSA63J-822X	MG R	8.2kΩ 1/16W J
	R1442	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1443	QRE121J-1R0Y	C R	1.0Ω 1/2W J
	R1453	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1502	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1503	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1525	QRL029J-180	OM R	18Ω 2W J
	R1526	QRE121J-271Y	C R	270Ω 1/2W J
	R1529	QRL039J-681	OM R	680Ω 3W J
	R1531	NRSA63J-331X	MG R	330Ω 1/16W J
	R1532	NRSA63J-102X	MG R	1kΩ 1/16W J
⚠	R1551	QRZ9011-1R0	F R	1.0Ω 1/2W J
	R1552	QRJ146J-2R2X	C R	2.2Ω 1/4W J
	R1554	QRE121J-681Y	C R	680Ω 1/2W J
	R1571	QRE121J-222Y	C R	2.2kΩ 1/2W J
	R1573	QRT029J-2R2	MF R	2.2Ω 2W J
	R1574	QRT029J-1R5	MF R	1.5Ω 2W J
	R1576	QRE121J-223Y	C R	22kΩ 1/2W J
	R1577	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R1578	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1581	QRE121J-182Y	C R	1.8kΩ 1/2W J
	R1582	NRSA63J-223X	MG R	22kΩ 1/16W J
	R1583	NRSA63J-393X	MG R	39kΩ 1/16W J
	R1651	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1652	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1653	NRSA63J-331X	MG R	330Ω 1/16W J
	R1654	NRSA63J-223X	MG R	22kΩ 1/16W J
	R1655	NRSA63J-473X	MG R	47kΩ 1/16W J
	R1656	NRSA63J-822X	MG R	8.2kΩ 1/16W J
	R1657	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1658	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1659	QRE121J-4R7Y	C R	4.7Ω 1/2W J
	R1660	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1661	QRE121J-271Y	C R	270Ω 1/2W J
	R1662	QRE121J-271Y	C R	270Ω 1/2W J
	R1664	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1665	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1666	NRSA63J-101X	MG R	100Ω 1/16W J
	R1667	QRE121J-101Y	C R	100Ω 1/2W J
⚠	R1668	QRT029J-5R6	MF R	5.6Ω 2W J
	R1701	NRSA63J-562X	MG R	5.6kΩ 1/16W J
	R1702	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1703	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R1704	NRSA63J-221X	MG R	220Ω 1/16W J
	R1705	NRSA63J-221X	MG R	220Ω 1/16W J
	R1706	NRSA63J-561X	MG R	560Ω 1/16W J
	R1707	NRSA63J-561X	MG R	560Ω 1/16W J
	R1708	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1709	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1710	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1711	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1712	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1713	NRSA63J-472X	MG R	4.7kΩ 1/16W J

[AV-1435TEE]

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description
	R1714	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1715	NRSA63J-221X	MG R	220Ω 1/16W J
	R1716	NRSA63J-221X	MG R	220Ω 1/16W J
	R1718	NRSA63J-561X	MG R	560Ω 1/16W J
	R1719	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1720	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1721	NRSA63J-103X	MG R	10kΩ 1/16W J
⚠	R1723	QRL039J-270	OM R	27Ω 3W J
	R1725	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1726	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1727	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1728	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1729	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1730	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1731	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1736	NRSA63J-823X	MG R	82kΩ 1/16W J
	R1737	NRSA63J-104X	MG R	100kΩ 1/16W J
	R1738	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1739	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1740	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R1741	NRSA63J-561X	MG R	560Ω 1/16W J
	R1742	NRSA63J-563X	MG R	56kΩ 1/16W J
	R1746	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1747	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1748	NRSA63J-101X	MG R	100Ω 1/16W J
	R1749	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1771	NRSA63J-821X	MG R	820Ω 1/16W J
	R1772	NRSA63J-821X	MG R	820Ω 1/16W J
	R1791	NRSA63J-221X	MG R	220Ω 1/16W J
	R1792	NRSA63J-221X	MG R	220Ω 1/16W J
	R1793	NRSA63J-221X	MG R	220Ω 1/16W J
	R1794	NRSA63J-221X	MG R	220Ω 1/16W J
	R1795	NRSA63J-221X	MG R	220Ω 1/16W J
	R1796	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1797	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1802	NRSA63J-750X	MG R	75Ω 1/16W J
	R1806	QRE121J-271Y	C R	270Ω 1/2W J
	R1807	NRSA63J-680X	MG R	68Ω 1/16W J
	R1810	QRG01GJ-560	OM R	56Ω 1W J
	R1811	NRSA63J-221X	MG R	220Ω 1/16W J
	R1815	QRE121J-181Y	C R	180Ω 1/2W J
	R1816	NRSA63J-681X	MG R	680Ω 1/16W J
	R1817	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1825	NRSA63J-221X	MG R	220Ω 1/16W J
	R1827	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1828	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1832	NRSA63J-221X	MG R	220Ω 1/16W J
	R1833	NRSA63J-822X	MG R	8.2kΩ 1/16W J
	R1834	NRSA63J-393X	MG R	39kΩ 1/16W J
	R1835	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1836	NRSA63J-473X	MG R	47kΩ 1/16W J
	R1837	NRSA63J-393X	MG R	39kΩ 1/16W J
	R1838	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1841	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1842	NRSA63J-223X	MG R	22kΩ 1/16W J
	R1843	NRSA63J-471X	MG R	470Ω 1/16W J
	R1845	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1846	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1848	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1849	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1850	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1851	NRSA63J-821X	MG R	820Ω 1/16W J
	R1852	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1853	NRSA63J-821X	MG R	820Ω 1/16W J
	R1854	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1855	NRSA63J-821X	MG R	820Ω 1/16W J
	R1857	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1859	NRSA63J-473X	MG R	47kΩ 1/16W J
	R1860	NRSA63J-101X	MG R	100Ω 1/16W J
	R1861	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1862	NRSA63J-391X	MG R	390Ω 1/16W J
	R1901	QRF074K-4R7	UNF R	4.7Ω 7W K
	R1903	QRL029J-104	OM R	100kΩ 2W J
	R1905	QRL029J-104	OM R	100kΩ 2W J
	R192[illegible]	QRE121J-2R2Y	C R	2.2Ω 1/2W J

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description
	R19[illegible]	QRE121J-221Y	C R	220Ω 1/2W J
	R19[illegible]	QRM084J-R22	MP R	0.22Ω 3W J
	R19[illegible]	QRL039J-683	OM R	68kΩ 3W J
	R1933	QRE121J-4R7Y	C R	4.7Ω 1/2W J
	R1934	NRSA63J-683X	MG R	68kΩ 1/16W J
	R1935	QRE121J-562Y	C R	5.6kΩ 1/2W J
	R1974	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1975	QRT029J-8R2	MF R	8.2Ω 2W J
	R1977	QRE121J-122Y	C R	1.2kΩ 1/2W J
	R1978	NRSA63J-473X	MG R	47kΩ 1/16W J
	R1979	QRL039J-220	OM R	22Ω 3W J
	R1980	QRL029J-152	OM R	1.5kΩ 2W J
⚠	R19[illegible]	QRZ9046-825Z	C R	8.2MΩ 1/2W K

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description
	C1001	QETN1HM-106Z	E CAP.	10μF 50V M
	C1002	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1004	QETN1CM-477Z	E CAP.	470μF 16V M
	C1005	QFV71HJ-104Z	MF CAP.	0.1μF 50V J
	C1006	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C1103	QETN1EM-476Z	E CAP.	47μF 25V M
	C1104	NCB31HK-472X	C CAP.	4700pF 50V K
	C1105	NCB31HK-472X	C CAP.	4700pF 50V K
	C1106	NCB31HK-472X	C CAP.	4700pF 50V K
	C1107	NCB31HK-472X	C CAP.	4700pF 50V K
	C1108	NCB31HK-472X	C CAP.	4700pF 50V K
	C1111	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	C1112	QETN1EM-476Z	E CAP.	47μF 25V M
	C1113	NCB31HK-472X	C CAP.	4700pF 50V K
	C1114	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1115	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1116	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1117	QFV71HJ-224Z	MF CAP.	0.22μF 50V J
	C1118	QETN1HM-474Z	E CAP.	0.47μF 50V M
	C1120	NDC31HJ-121X	C CAP.	120pF 50V J
	C1121	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1122	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1161	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1162	NCB31HK-152X	C CAP.	1500pF 50V K
	C1164	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1165	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1166	NCB31HK-104X	C CAP.	0.1μF 50V K
	C1301	NCB31HK-123X	C CAP.	0.012μF 50V K
	C1302	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C1303	NDC31HJ-100X	C CAP.	10pF 50V J
	C1304	QFV71HJ-474Z	MF CAP.	0.47μF 50V J
	C1305	QETN1HM-474Z	E CAP.	0.47μF 50V M
	C1306	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1307	QETN1CM-477Z	E CAP.	470μF 16V M
	C1308	QETN1CM-107Z	E CAP.	100μF 16V M
	C1309	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1310	NDC31HJ-221X	C CAP.	220pF 50V J
	C1311	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1312	QENC1HM-474Z	E CAP.	0.47μF 50V M
	C1313	QETN1HM-335Z	E CAP.	3.3μF 50V M
	C1314	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1315	QETN1CM-107Z	E CAP.	100μF 16V M
	C1316	QETN1HM-106Z	E CAP.	10μF 50V M
	C1317	NCB31EK-473X	C CAP.	0.047μF 25V K
	C1321	NDC31HJ-120X	C CAP.	12pF 50V J
	C1322	NCB31EK-273X	C CAP.	0.027μF 25V K
	C1323	QETN1HM-474Z	E CAP.	0.47μF 50V M
	C1324	QETN1HM-106Z	E CAP.	10μF 50V M
	C1325	QENC1HM-106Z	BP E CAP.	10μF 50V M
	C1326	NCS21HJ-221X	C CAP.	220pF 50V J
	C1340	QETN1HM-106Z	E CAP.	10μF 50V M
	C1351	QFZ0097-103	MM CAP.	0.01μF 1250V K
	C1352	NDC31HJ-271X	C CAP.	270pF 50V J
	C1353	NDC31HJ-221X	C CAP.	220pF 50V J
	C1354	NDC31HJ-331X	C CAP.	330pF 50V J
	C1357	QETN1AM-477Z	E CAP.	470μF 10V M
	C1365	QENC1HM-105Z	E CAP.	1μF 50V M
	C1366	QENC1HM-105Z	E CAP.	1μF 50V M
	C1367	QENC1HM-105Z	E CAP.	1μF 50V M
	C1400	QFV71HJ-474Z	MF CAP.	0.47μF 50V J

[AV-1435TEE]

CAPACITOR

△	Symbol No.	Part No.	Part Name	Description
	C1423	QCS32HJ-180Z	C CAP.	18pF 500V J
	C1424	QFLC2AJ-103Z	M CAP.	0.01μF 100V J
	C1425	QCB32HK-331Z	C CAP.	330pF 500V K
	C1427	QETN1VM-107Z	E CAP.	100μF 35V M
	C1428	QETN1VM-107Z	E CAP.	100μF 35V M
	C1429	QETN1HM-106Z	E CAP.	10μF 50V M
	C1430	QFN32AJ-472Z	M CAP.	4700pF 100V J
	C1433	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C1435	QETN1EM-228	E CAP.	2200μF 25V M
	C1436	QFV71HJ-334Z	MF CAP.	0.33μF 50V J
	C1437	NCB31HK-104X	C CAP.	0.1μF 50V K
	C1501	QETN1AM-477Z	E CAP.	470μF 10V M
	C1502	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1503	QETN1HM-106Z	E CAP.	10μF 50V M
	C1523	QETN1EM-476Z	E CAP.	47μF 25V M
△	C1525	QFZ0200-682	MPP CAP	6800pF 1.5kVH±3%
	C1526	QFLC1HJ-103Z	M CAP.	0.01μF 50V J
△	C1527	QFZ0199-564	MPP CAP.	0.56μF 250V J
	C1529	QFN32AJ-102Z	M CAP.	1000pF 100V J
	C1531	QEZ0203-107	E CAP.	100μF 160V M
	C1552	QETN1VM-108	E CAP.	1000μF 35V M
	C1554	QETN2EM-475Z	E CAP.	4.7μF 250V M
	C1555	QFN32AJ-682Z	M CAP.	6800pF 100V J
	C1557	QETN1HM-107Z	E CAP.	100μF 50V M
	C1571	QETN1AM-107Z	E CAP.	100μF 10V M
	C1572	QETN1EM-476Z	E CAP.	47μF 25V M
	C1581	QFV71HJ-104Z	MF CAP.	0.1μF 50V J
	C1652	NCB31HK-473X	C CAP.	0.047μF 50V K
	C1653	QETN1HM-106Z	E CAP.	10μF 50V M
	C1654	QETN1CM-477Z	E CAP.	470μF 16V M
	C1655	QETN1HM-106Z	E CAP.	10μF 50V M
	C1656	QENC1HM-105Z	E CAP.	1μF 50V M
	C1657	QETN1EM-107Z	E CAP.	100μF 25V M
	C1658	QETN1EM-227Z	E CAP.	220μF 25V M
	C1659	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C1663	NCB31HK-102X	C CAP.	1000pF 50V K
	C1664	QETN1CM-107Z	E CAP.	100μF 16V M
	C1665	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1701	QETN1HM-106Z	E CAP.	10μF 50V M
	C1705	QETN1CM-477Z	E CAP.	470μF 16V M
	C1706	NCB31HK-104X	C CAP.	0.1μF 50V K
	C1707	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1708	QETN1AM-108Z	E CAP.	1000μF 10V M
	C1709	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1710	QETN1CM-107Z	E CAP.	100μF 16V M
	C1711	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1712	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1713	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1716	NDC31HJ-181X	C CAP.	180pF 50V J
	C1717	NDC31HJ-181X	C CAP.	180pF 50V J
	C1718	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1719	QETN1HM-105Z	E CAP.	1μF 50V M
	C1720	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1721	NCB31EK-333X	C CAP.	0.033μF 25V K
	C1722	NDC31HJ-101X	C CAP.	100pF 50V J
	C1724	NDC31HJ-151X	C CAP.	150pF 50V J
	C1728	NDC31HJ-181X	C CAP.	180pF 50V J
	C1729	NDC31HJ-181X	C CAP.	180pF 50V J
	C1730	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1741	QETN1HM-106Z	E CAP.	10μF 50V M
	C1742	QETN1HM-106Z	E CAP.	10μF 50V M
	C1743	QETN1HM-106Z	E CAP.	10μF 50V M
	C1744	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1805	QETN1CM-227Z	E CAP.	220μF 16V M
	C1806	QETN1CM-477Z	E CAP.	470μF 16V M
	C1811	QETN1HM-106Z	E CAP.	10μF 50V M
	C1821	QETN1CM-107Z	E CAP.	100μF 16V M
	C1822	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1823	NDC31HJ-330X	C CAP.	33pF 50V J
	C1824	NDC31HJ-390X	C CAP.	39pF 50V J
	C1825	QETN1HM-105Z	E CAP.	1μF 50V M
	C1826	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1827	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1830	NDC31HJ-151X	C CAP.	150pF 50V J
	C1831	QFV71HJ-104Z	MF CAP.	0.1μF 50V J

CAPACITOR

△	Symbol No.	Part No.	Part Name	Description
	C1832	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1833	NDC31HJ-680X	C CAP.	68pF 50V J
	C1834	NDC31HJ-330X	C CAP.	33pF 50V J
	C1835	NDC31HJ-221X	C CAP.	220pF 50V J
	C1836	QETN1HM-335Z	E CAP.	3.3μF 50V M
	C1837	QETN1HM-335Z	E CAP.	3.3μF 50V M
	C1838	QETN1HM-335Z	E CAP.	3.3μF 50V M
	C1841	NCB31HK-152X	C CAP.	1500pF 50V K
	C1843	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1844	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1845	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1846	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1847	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C1848	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1849	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1852	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1853	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1854	QETN1CM-107Z	E CAP.	100μF 16V M
	C1855	QETN1HM-106Z	E CAP.	10μF 50V M
	C1856	NCB31HK-104X	C CAP.	0.1μF 50V K
△	C1901	QFZ9078-224	MPF CAP.	0.22μFAC275V M
△	C1904	QCZ9015-102	C CAP.	1000pFAC250V Z
△	C1905	QCZ9015-102	C CAP.	1000pFAC250V Z
△	C1907	QCZ9015-102	C CAP.	1000pFAC250V Z
△	C1909	QEZ0552-127	E CAP.	or QEZ0199-127 120μF 400V M
△	C1910	QFZ9078-473	MPF CAP.	0.047μFAC275V M
	C1922	QFLC1HJ-104Z	M CAP.	0.1μF 50V J
	C1924	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C1925	QETN1VM-476Z	E CAP.	47μF 35V M
	C1926	QFLC1HJ-332Z	M CAP.	3300pF 50V J
△	C1929	QFKA2JK-103	MM CAP.	0.01μF 630V K
△	C1931	QCZ0364-681	C CAP.	680pF 2kV K
	C1932	NDC31HJ-681X	C CAP.	680pF 50V J
	C1941	QCZ0364-561	C CAP.	560pF 2kV K
	C1942	QEZ0203-107	E CAP.	100μF 160V M
	C1944	QCB32HK-222Z	C CAP.	2200pF 500V K
	C1945	QEHR1EM-108Z	E CAP.	1000μF 25V M
	C1946	QETN1EM-108Z	E CAP.	1000μF 25V M
	C1947	QCB32HK-222Z	C CAP.	2200pF 500V K
	C1948	QETN1EM-108Z	E CAP.	1000μF 25V M
	C1949	NDC31HJ-471X	C CAP.	470pF 50V J
	C1961	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C1976	QETN1EM-227Z	E CAP.	220μF 25V M
	C1977	QEHR1CM-227Z	E CAP.	220μF 16V M
	C1978	QETN1EM-227Z	E CAP.	220μF 25V M
	C1979	QETN1AM-227Z	E CAP.	220μF 10V M
△	C1991	QCZ9079-102	C CAP.	1000pFAC250V M
△	C1992	QCZ9079-102	C CAP.	1000pFAC250V M
△	C1993	QCZ9079-152	C CAP.	1500pFAC250V M

TRANSFORMER

△	Symbol No.	Part No.	Part Name	Description
	T1501	CE40203-00CJ1	DRIVE TRANSF.	
△	T1522	QQH0132-001	F.B.TRANSF.	
△	T1921	QQS0161-001	SW TRANSF.	

COIL

△	Symbol No.	Part No.	Part Name	Description
	L1001	QQL244K-8R2Z	COIL	8.2μH K
	L1101	QQL244J-2R2Z	COIL	2.2μH J
	L1103	QQL244K-8R2Z	COIL	8.2μH K
	L1551	QQL2034-320	INDUCTOR	
	L1701	QQL244J-5R6Z	COIL	5.6μH J
	L1821	NQL092K-4R7X	COIL	4.7μH
	L1822	NQL092K-4R7X	COIL	4.7μH
	L1823	NQL092K-4R7X	COIL	4.7μH
	L1824	NQL092K-4R7X	COIL	4.7μH
	L1825	NQL092K-4R7X	COIL	4.7μH
	L1826	NQL092K-4R7X	COIL	4.7μH
	L1827	NQL092K-4R7X	COIL	4.7μH
	L1828	QQL244K-8R2Z	COIL	8.2μH K
	L1941	QQL26AK-820Z	COIL	82μH K
	L1942	QQL244J-4R7Z	INDUCTOR	
	L1943	QQL244J-4R7Z	INDUCTOR	

[AV-1435TEE]

DIODE

△	Symbol No.	Part No.	Part Name	Description
	D1001	MTZJ33A-T2	ZENER DIODE	
	D1102	MA859-T2	SI.DIODE	
	D1301	MTZJ9.1B-T2	ZENER DIODE	
	D1302	MTZJ5.1B-T2	ZENER DIODE	
	D1305	AK04-T2	SB DIODE	
	D1306	QRE121J-121Y	C R	120Ω 1/2W J
	D1341	MA111-X	SI.DIODE	
	D1372	MA111-X	SI.DIODE	
	D1373	MA111-X	SI.DIODE	
	D1421	MTZJ75-T2	ZENER DIODE	
	D1423	1SR124-400A-T2	SI.DIODE	
	D1425	MA111-X	SI.DIODE	
	D1427	MTZJ27B-T2	ZENER DIODE	
	D1501	MTZJ6.8C-T2	ZENER DIODE	
	D1551	RGP10J-5025-T3	SI.DIODE	
	D1552	RGP10J-5025-T3	SI.DIODE	
	D1553	MTZJ9.1B-T2	ZENER DIODE	
	D1554	MA111-X	SI.DIODE	
	D1557	1SR124-400A-T2	SI.DIODE	
	D1571	MTZJ7.5S-T2	ZENER DIODE	
	D1581	MTZJ20B-T2	ZENER DIODE	
	D1582	RGP10J-5025-T3	SI.DIODE	
	D1651	MA111-X	SI.DIODE	
	D1652	MTZJ12C-T2	ZENER DIODE	
	D1653	MA111-X	SI.DIODE	
	D1654	MTZJ12C-T2	ZENER DIODE	
	D1655	MA111-X	SI.DIODE	
	D1656	MA111-X	SI.DIODE	
	D1657	MA111-X	SI.DIODE	
	D1701	MA111-X	SI.DIODE	
	D1704	SLR-342VR-T16	LED	
	D1705	SLR-342DU-T16	LED	
	D1707	MA111-X	SI.DIODE	
	D1731	MA111-X	SI.DIODE	
	D1801	MA111-X	SI.DIODE	
△	D1901	G2SBA60	BRIDGE DIODE	
	D1921	RGP10J-5025-T3	SI.DIODE	
	D1925	RGP10J-5025-T3	SI.DIODE	
	D1927	MTZJ36A-T2	ZENER DIODE	
	D1928	MTZJ3.3A-T2	ZENER DIODE	
	D1929	MTZJ3.3A-T2	ZENER DIODE	
	D1930	RGP10M-5010-T3	SI.DIODE	
	D1931	MA111-X	SI.DIODE	
	D1933	MTZJ16C-T2	ZENER DIODE	
	D1941	RU3AM-LFC4	SI.DIODE	
	D1942	RU3YX-LFC4	SI.DIODE	
	D1943	RGP10J-5025-T3	SI.DIODE	
	D1982	MA111-X	SI.DIODE	
	D1983	MA111-X	SI.DIODE	

TRANSISTOR

△	Symbol No.	Part No.	Part Name	Description
	Q1102	2SC5083/L-P/-T	SI.TRANSISTOR	
	Q1103	UN2212-X	DIGI.TRANSISTOR	
	Q1161	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1301	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1302	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1351	STC344-T	SI.TRANSISTOR	
	Q1352	STC344-T	SI.TRANSISTOR	
	Q1353	STC344-T	SI.TRANSISTOR	
	Q1371	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1372	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1373	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1401	DTC124ESA-T	DIGI.TRANSISTOR	
	Q1402	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1403	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1404	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1521	2SC2655/Y/-T	SI.TRANSISTOR	
△	Q1522	2SD2658LS-YB11	POWER TRANSISTOR	H.OUT
	Q1571	2SA1208/ST/Z1-T	SI.TRANSISTOR	
	Q1572	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1651	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1652	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1653	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1702	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1703	UN2212-X	DIGI.TRANSISTOR	
	Q1708	UN2212-X	DIGI.TRANSISTOR	
	Q1709	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1803	2SC1815/YG/-T	SI.TRANSISTOR	
	Q1804	2SD601A/QR/-X	SI.TRANSISTOR	

TRANSISTOR

△	Symbol No.	Part No.	Part Name	Description
	Q1821	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1822	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1824	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1825	UN2222-X	DIGI.TRANSISTOR	
	Q1826	2SC5083/L-P/-T	SI.TRANSISTOR	
	Q1974	2SA966/OY/-T	SI.TRANSISTOR	
	Q1975	UN2222-X	DIGI.TRANSISTOR	

IC

△	Symbol No.	Part No.	Part Name	Description
	IC1301	MN5398K	I C	
	IC1371	TC4053BP/N/	I C	
	IC1421	AN5522	I C	
	IC1551	AN5265	I C	
△	IC1701	MN1873287JK1	I C(MCU)	
	IC1702	AT24C08-21DMG3	I C	(SERVICE)
	IC1703	L78LR05E-MA	I C	
	IC1704	PIC-47143SY	IR DETECT UNIT	
△	IC1821	SDA5553-V006	I C(MCU)	
	IC1822	R1170H251B-X	I C	
△	IC1921	STR-W5753A/F5	I C	
	IC1971	BA17809T	I C	
	IC1972	BA17805T	I C	

OTHERS

△	Symbol No.	Part No.	Part Name	Description
		LC30114-001C-H	LED HOLDER	
		CM35521-005-H	CDS HOLDER	
	CF1161	QAX0642-001Z	C FILTER	
△	CP1981	ICP-N25-Y	I.C.PROTECT	
△	CP1982	ICP-N75-Y	I.C.PROTECT	
△	F1901	QMF51E2-3R15J4	FUSE	3.15A
	FC1901	CEM0002-001Z	FUSE CLIP	
	FR1557	QRJ146J-2R2X	C R	2.2Ω 1/4W J
	J1002	QNN0384-001	PIN JACK	
	J1003	QNN0281-003	PIN JACK	or CEMN065-001
	J1004	QNN0281-002	PIN JACK	or CEMN065-002
△	J1005	QNS0197-001	3.5 JACK	
	K1351	QQR0621-002Z	FERRITE BEADS	
	K1421	QQR1113-001Z	FERRITE BEADS	
	K1941	QQR1113-001Z	FERRITE BEADS	
	K1942	QQR1113-001Z	FERRITE BEADS	
	K1943	QQR1113-001Z	FERRITE BEADS	
△	LF1901	QQR0673-002	LINE FILTER	
	PC1701	P1241-04	PHOTO CONDUCTOR	
	S1701	QSW0619-003Z	TACT SWITCH	VOL-
	S1702	QSW0619-003Z	TACT SWITCH	VOL-
	S1703	QSW0619-003Z	TACT SWITCH	CH+
	S1704	QSW0619-003Z	TACT SWITCH	CH-
	S1705	QSW0619-003Z	TACT SWITCH	MENU
△	S1901	QSW0750-001	PUSH SWITCH	POWER SW
	SF1102	QAX0731-001	SAW FILTER	
	SF1122	QAX0525-001	SAW FILTER	
△	SK1351	CE42554-001	C R T SOCKET	or QNZ0536-0
△	TH1901	QAD0121-9R0	THERMISTOR	or QAD0119-9R0
△	TU1001	QAU0287-001	TUNER	
△	VA1901	ERZV10V621CS	VARISTOR	or QAF0052-62
△	X1301	QAX0705-001Z	CRYSTAL	
	X1302	CE41551-001Z	X-TAL	
	X1701	QAX0507-001	C RESONATOR	
	X1821	QAX0659-001Z	CRYSTAL	

PRINTED WIRING BOARD PARTS LIST

[AV-14FMT3]

MAIN P.W. BOARD ASS'Y (SCG-1404A-H2)

RESISTOR

Δ	Symbol No.	Part No.	Part Name	Description
	R1002	NRSA63J-221X	MG R	220Ω 1/16W J
	R1003	NRSA63J-221X	MG R	220Ω 1/16W J
	R1004	NRSA63J-563X	MG R	56kΩ 1/16W J
	R1102	NRSA63J-750X	MG R	75Ω 1/16W J
	R1103	NRSA63J-100X	MG R	10Ω 1/16W J
	R1109	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1110	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1111	NRSA63J-181X	MG R	180Ω 1/16W J
	R1112	NRSA63J-220X	MG R	22Ω 1/16W J
	R1113	NRSA63J-101X	MG R	100Ω 1/16W J
	R1114	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1115	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1117	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1118	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1120	NRSA63J-391X	MG R	390Ω 1/16W J
	R1121	NRSA63J-221X	MG R	220Ω 1/16W J
	R1159	NRSA02J-184X	MG R	180kΩ 1/10W J
	R1161	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1162	NRSA63J-122X	MG R	1.2kΩ 1/16W J
	R1163	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1164	NRSA63J-221X	MG R	220Ω 1/16W J
	R1165	NRSA63J-220X	MG R	22Ω 1/16W J
	R1166	NRSA63J-821X	MG R	820Ω 1/16W J
	R1301	NRSA63J-221X	MG R	220Ω 1/16W J
	R1302	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1303	NRSA63J-101X	MG R	100Ω 1/16W J
	R1304	NRSA63J-101X	MG R	100Ω 1/16W J
	R1305	NRSA63J-101X	MG R	100Ω 1/16W J
	R1306	NRSA63J-221X	MG R	220Ω 1/16W J
	R1307	NRSA63J-122X	MG R	1.2kΩ 1/16W J
	R1308	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1312	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1313	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1314	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1321	NRSA63J-152X	MG R	1.5kΩ 1/16W J
	R1322	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1323	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1324	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1326	NRSA63J-101X	MG R	100Ω 1/16W J
	R1327	NRSA02J-475X	MG R	4.7MΩ 1/10W J
	R1341	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1345	NRSA63J-151X	MG R	150Ω 1/16W J
	R1346	NRSA63J-151X	MG R	150Ω 1/16W J
	R1353	NRSA63J-151X	MG R	150Ω 1/16W J
	R1354	NRSA63J-331X	MG R	330Ω 1/16W J
	R1355	NRSA63J-331X	MG R	330Ω 1/16W J
	R1356	NRSA63J-331X	MG R	330Ω 1/16W J
	R1357	NRSA63J-101X	MG R	100Ω 1/16W J
	R1358	NRSA63J-101X	MG R	100Ω 1/16W J
	R1359	NRSA63J-101X	MG R	100Ω 1/16W J
	R1360	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1361	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1362	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1363	QRL029J-123	OM R	12kΩ 2W J
	R1364	QRL029J-123	OM R	12kΩ 2W J
	R1365	QRL029J-123	OM R	12kΩ 2W J
	R1366	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1367	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1368	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1372	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1373	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1374	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1375	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1376	NRSA63J-562X	MG R	5.6kΩ 1/16W J
	R1377	NRSA63J-104X	MG R	100kΩ 1/16W J
	R1378	NRSA63J-104X	MG R	100kΩ 1/16W J
	R1379	NRSA63J-104X	MG R	100kΩ 1/16W J
	R1380	NRSA63J-154X	MG R	150kΩ 1/16W J
	R1381	NRSA63J-154X	MG R	150kΩ 1/16W J
	R1382	NRSA63J-154X	MG R	150kΩ 1/16W J
	R1383	NRSA63J-273X	MG R	27kΩ 1/16W J
	R1384	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1385	NRSA63J-123X	MG R	12kΩ 1/16W J

RESISTOR

Δ	Symbol No.	Part No.	Part Name	Description
	R1421	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1422	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1423	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1424	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1425	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1426	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1429	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1430	NRSA63J-823X	MG R	82kΩ 1/16W J
	R1431	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1432	QRE121J-3R9Y	C R	3.9Ω 1/2W J
	R1433	QRE121J-3R9Y	C R	3.9Ω 1/2W J
	R1436	NRSA63J-823X	MG R	82kΩ 1/16W J
	R1437	NRSA63J-822X	MG R	8.2kΩ 1/16W J
	R1438	NRSA63J-223X	MG R	22kΩ 1/16W J
	R1439	NRSA63J-104X	MG R	100kΩ 1/16W J
	R1440	QRE121J-471Y	C R	470Ω 1/2W J
	R1441	NRSA63J-822X	MG R	8.2kΩ 1/16W J
	R1442	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1443	QRE121J-1R0Y	C R	1.0Ω 1/2W J
	R1445	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1502	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1503	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1525	QRL029J-180	OM R	18Ω 2W J
	R1526	QRE121J-271Y	C R	270Ω 1/2W J
	R1528	QRL039J-681	OM R	680Ω 3W J
	R1531	NRSA63J-331X	MG R	330Ω 1/16W J
	R1532	NRSA63J-102X	MG R	1kΩ 1/16W J
Δ	R1551	QRZ90[illegible]-1R0	F R	1.0Ω 1/2W J
	R1552	QRJ146J-2R2X	C R	2.2Ω 1/4W J
	R1554	QRE121J-681Y	C R	680Ω 1/2W J
	R1571	QRE121J-222Y	C R	2.2kΩ 1/2W J
	R1573	QRT029J-2R2	MF R	2.2Ω 2W J
	R1574	QRT029J-1R5	MF R	1.5Ω 2W J
	R1575	QRE121J-223Y	C R	22kΩ 1/2W J
	R1577	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R1578	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1581	QRE121J-182Y	C R	1.8kΩ 1/2W J
	R1582	NRSA63J-223X	MG R	22kΩ 1/16W J
	R1583	NRSA63J-393X	MG R	39kΩ 1/16W J
	R1651	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1652	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1653	NRSA63J-331X	MG R	330Ω 1/16W J
	R1654	NRSA63J-223X	MG R	22kΩ 1/16W J
	R1655	NRSA63J-473X	MG R	47kΩ 1/16W J
	R1656	NRSA63J-822X	MG R	8.2kΩ 1/16W J
	R1657	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1658	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1659	QRE121J-4R7Y	C R	4.7Ω 1/2W J
	R1660	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1661	QRE121J-271Y	C R	270Ω 1/2W J
	R1662	QRE121J-271Y	C R	270Ω 1/2W J
	R1664	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1665	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1666	NRSA63J-101X	MG R	100Ω 1/16W J
	R1667	QRE121J-101Y	C R	100Ω 1/2W J
Δ	R1668	QRT029J-5R6	MF R	5.6Ω 2W J
	R1701	NRSA63J-562X	MG R	5.6kΩ 1/16W J
	R1702	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1703	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R1704	NRSA63J-221X	MG R	220Ω 1/16W J
	R1705	NRSA63J-221X	MG R	220Ω 1/16W J
	R1706	NRSA63J-561X	MG R	560Ω 1/16W J
	R1707	NRSA63J-561X	MG R	560Ω 1/16W J
	R1708	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1709	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1710	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1711	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1712	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1713	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1714	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1715	NRSA63J-221X	MG R	220Ω 1/16W J
	R1716	NRSA63J-221X	MG R	220Ω 1/16W J
	R1717	NRSA63J-561X	MG R	560Ω 1/16W J

[AV-14FMT3]

RESISTOR

Δ	Symbol No.	Part No.	Part Name	Description
	R1719	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1720	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1721	NRSA63J-103X	MG R	10kΩ 1/16W J
Δ	R1723	QRL039J-270	OM R	27Ω 3W J
	R1725	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1726	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1727	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1728	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1729	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1730	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1731	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1736	NRSA63J-823X	MG R	82kΩ 1/16W J
	R1737	NRSA63J-104X	MG R	100kΩ 1/16W J
	R1738	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1739	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1740	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R1741	NRSA63J-561X	MG R	560Ω 1/16W J
	R1742	NRSA63J-563X	MG R	56kΩ 1/16W J
	R1746	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1747	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1748	NRSA63J-101X	MG R	100Ω 1/16W J
	R1749	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1771	NRSA63J-821X	MG R	820Ω 1/16W J
	R1772	NRSA63J-821X	MG R	820Ω 1/16W J
	R1791	NRSA63J-221X	MG R	220Ω 1/16W J
	R1792	NRSA63J-221X	MG R	220Ω 1/16W J
	R1793	NRSA63J-221X	MG R	220Ω 1/16W J
	R1794	NRSA63J-221X	MG R	220Ω 1/16W J
	R1795	NRSA63J-221X	MG R	220Ω 1/16W J
	R1796	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1797	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1802	NRSA63J-750X	MG R	75Ω 1/16W J
	R1806	QRE121J-271Y	C R	270Ω 1/2W J
	R1807	NRSA63J-680X	MG R	68Ω 1/16W J
	R1810	QRG01GJ-560	OM R	56Ω 1W J
	R1811	NRSA63J-221X	MG R	220Ω 1/16W J
	R1815	QRE121J-181Y	C R	180Ω 1/2W J
	R1816	NRSA63J-681X	MG R	680Ω 1/16W J
	R1817	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1825	NRSA63J-221X	MG R	220Ω 1/16W J
	R1827	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1828	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1832	NRSA63J-221X	MG R	220Ω 1/16W J
	R1833	NRSA63J-822X	MG R	8.2kΩ 1/16W J
	R1834	NRSA63J-393X	MG R	39kΩ 1/16W J
	R1835	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1836	NRSA63J-473X	MG R	47kΩ 1/16W J
	R1837	NRSA63J-393X	MG R	39kΩ 1/16W J
	R1838	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1841	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1842	NRSA63J-223X	MG R	22kΩ 1/16W J
	R1843	NRSA63J-471X	MG R	470Ω 1/16W J
	R1845	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1846	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1848	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1849	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1850	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1851	NRSA63J-821X	MG R	820Ω 1/16W J
	R1852	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1853	NRSA63J-821X	MG R	820Ω 1/16W J
	R1854	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1855	NRSA63J-821X	MG R	820Ω 1/16W J
	R1857	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1859	NRSA63J-473X	MG R	47kΩ 1/16W J
	R1860	NRSA63J-101X	MG R	100Ω 1/16W J
	R1861	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1862	NRSA63J-391X	MG R	390Ω 1/16W J
	R1901	QRF074K-4R7	UNF R	4.7Ω 2W K
	R1903	QRL029J-104	OM R	100kΩ 2W J
	R1904	QRL039J-151	OM R	150Ω 3W J
	R1906	QRL029J-104	OM R	100kΩ 2W J
	R1921	QRE121J-2R2Y	C R	2.2Ω 1/2W J
	R1922	QRE121J-221Y	C R	220Ω 1/2W J
	R1923	QRM034J-R22	MP R	0.22Ω 3W J
	R1928	QRL039J-683	OM R	68kΩ 3W J
	R1933	QRE121J-4R7Y	C R	4.7Ω 1/2W J

RESISTOR

Δ	Symbol No.	Part No.	Part Name	Description
	R1934	NRSA63J-683X	MG R	68kΩ 1/16W J
	R1935	QRE121J-562Y	C R	5.6kΩ 1/2W J
	R1974	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1976	QRT029J-8R2	MF R	8.2Ω 2W J
	R1977	QRE121J-122Y	C R	1.2kΩ 1/2W J
	R1978	NRSA63J-473X	MG R	47kΩ 1/16W J
	R1979	QRL039J-220	OM R	22Ω 3W J
	R1980	QRL029J-152	OM R	1.5kΩ 2W J
Δ	R1991	QRZ9046-825Z	C R	8.2MΩ 1/2W K

CAPACITOR

Δ	Symbol No.	Part No.	Part Name	Description
	C1001	QETN1HM-106Z	E CAP.	10µF 50V M
	C1002	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1004	QETN1CM-477Z	E CAP.	470µF 16V M
	C1005	QFV71HJ-104Z	MF CAP.	0.1µF 50V J
	C1008	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C1103	QETN1EM-476Z	E CAP.	47µF 25V M
	C1104	NCB31HK-472X	C CAP.	4700pF 50V K
	C1105	NCB31HK-472X	C CAP.	4700pF 50V K
	C1106	NCB31HK-472X	C CAP.	4700pF 50V K
	C1107	NCB31HK-472X	C CAP.	4700pF 50V K
	C1109	NCB31HK-472X	C CAP.	4700pF 50V K
	C1110	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	C1112	QETN1EM-476Z	E CAP.	47µF 25V M
	C1113	NCB31HK-472X	C CAP.	4700pF 50V K
	C1114	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1115	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1116	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1117	QFV71HJ-224Z	MF CAP.	0.22µF 50V J
	C1119	QETN1HM-474Z	E CAP.	0.47µF 50V M
	C1120	NDC31HJ-121X	C CAP.	120pF 50V J
	C1121	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1122	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1161	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1162	NCB31HK-152X	C CAP.	1500pF 50V K
	C1164	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1165	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1166	NCB31HK-104X	C CAP.	0.1µF 50V K
	C1301	NCB31HK-123X	C CAP.	0.012µF 50V K
	C1302	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C1303	NDC31HJ-100X	C CAP.	10pF 50V J
	C1304	QFV71HJ-474Z	MF CAP.	0.47µF 50V J
	C1305	QETN1HM-474Z	E CAP.	0.47µF 50V M
	C1306	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1307	QETN1CM-477Z	E CAP.	470µF 16V M
	C1308	QETN1CM-107Z	E CAP.	100µF 16V M
	C1309	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1310	NDC31HJ-221X	C CAP.	220pF 50V J
	C1311	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1312	QENC1HM-474Z	E CAP.	0.47µF 50V M
	C1313	QETN1HM-335Z	E CAP.	3.3µF 50V M
	C1314	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1315	QETN1CM-107Z	E CAP.	100µF 16V M
	C1316	QETN1HM-106Z	E CAP.	10µF 50V M
	C1317	NCB31EK-473X	C CAP.	0.047µF 25V K
	C1321	NDC31HJ-120X	C CAP.	12pF 50V J
	C1322	NCB31EK-273X	C CAP.	0.027µF 25V K
	C1323	QETN1HM-474Z	E CAP.	0.47µF 50V M
	C1324	QETN1HM-106Z	E CAP.	10µF 50V M
	C1325	QENC1HM-106Z	BP E CAP.	10µF 50V M
	C1326	NCS21HJ-221X	C CAP.	220pF 50V J
	C1341	QETN1HM-106Z	E CAP.	10µF 50V M
	C1352	QFZ0097-103	MM CAP.	0.01µF 1250V K
	C1354	NDC31HJ-271X	C CAP.	270pF 50V J
	C1355	NDC31HJ-221X	C CAP.	220pF 50V J
	C1356	NDC31HJ-331X	C CAP.	330pF 50V J
	C1357	QETN1AM-477Z	E CAP.	470µF 10V M
	C1365	QENC1HM-105Z	E CAP.	1µF 50V M
	C1366	QENC1HM-105Z	E CAP.	1µF 50V M
	C1367	QENC1HM-105Z	E CAP.	1µF 50V M
	C1401	QFV71HJ-474Z	MF CAP.	0.47µF 50V J
	C1423	QCS32HJ-180Z	C CAP.	18pF 500V J
	C1424	QFL02AJ-103Z	M CAP.	0.01µF 100V J
	C1426	QCB32HK-331Z	C CAP.	330pF 500V K
	C1427	QETN1VM-107Z	E CAP.	100µF 35V M
	C1428	QETN1VM-107Z	E CAP.	100µF 35V M

[AV-14FMT3]

⚠	Symbol No.	Part No.	Part Name	Description

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description
	C1429	QETN1HM-106Z	E CAP.	10μF 50V M
	C1430	QFN32AJ-472Z	M CAP.	4700pF 100V J
	C1433	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C1435	QETN1EM-228	E CAP.	2200μF 25V M
	C1436	QFV71HJ-334Z	MF CAP.	0.33μF 50V J
	C1437	NCB31HK-104X	C CAP.	0.1μF 50V K
	C1501	QETN1AM-477Z	E CAP.	470μF 10V M
	C1502	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1503	QETN1HM-106Z	E CAP.	10μF 50V M
	C1523	QETN1EM-476Z	E CAP.	47μF 25V M
⚠	C1525	QFZ0200-652	MPP CAP	6500pF 1.5kVH ±3%
	C1526	QFLC1HJ-103Z	M CAP.	0.01μF 50V J
⚠	C1527	QFZ0199-564	MPP CAP.	0.56μF 250V J
	C1529	QFN32AJ-102Z	M CAP.	1000pF 100V J
	C1531	QEZ0203-107	E CAP.	100μF 160V M
	C1552	QETN1VM-108	E CAP.	1000μF 35V M
	C1554	QETN2EM-475Z	E CAP.	4.7μF 250V M
	C1555	QFN32AJ-682Z	M CAP.	6800pF 100V J
	C1557	QETN1HM-107Z	E CAP.	100μF 50V M
	C1571	QETN1AM-107Z	E CAP.	100μF 10V M
	C1572	QETN1EM-476Z	E CAP.	47μF 25V M
	C1581	QFV71HJ-104Z	MF CAP.	0.1μF 50V J
	C1652	NCB31HK-473X	C CAP.	0.047μF 50V K
	C1653	QETN1HM-106Z	E CAP.	10μF 50V M
	C1654	QETN1CM-477Z	E CAP.	470μF 16V M
	C1655	QETN1HM-106Z	E CAP.	10μF 50V M
	C1656	QENC1HM-105Z	E CAP.	1μF 50V M
	C1657	QETN1EM-107Z	E CAP.	100μF 25V M
	C1658	QETN1EM-227Z	E CAP.	220μF 25V M
	C1659	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C1663	NCB31HK-102X	C CAP.	1000pF 50V K
	C1664	QETN1CM-107Z	E CAP.	100μF 16V M
	C1665	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1701	QETN1HM-106Z	E CAP.	10μF 50V M
	C1705	QETN1CM-477Z	E CAP.	470μF 16V M
	C1706	NCB31HK-104X	C CAP.	0.1μF 50V K
	C1707	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1708	QETN1AM-108Z	E CAP.	1000μF 10V M
	C1709	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1710	QETN1CM-107Z	E CAP.	100μF 16V M
	C1711	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1712	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1713	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1716	NDC31HJ-181X	C CAP.	180pF 50V J
	C1717	NDC31HJ-181X	C CAP.	180pF 50V J
	C1718	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1719	QETN1HM-105Z	E CAP.	1μF 50V M
	C1720	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1721	NCB31EK-333X	C CAP.	0.033μF 25V K
	C1722	NDC31HJ-101X	C CAP.	100pF 50V J
	C1724	NDC31HJ-151X	C CAP.	150pF 50V J
	C1728	NDC31HJ-181X	C CAP.	180pF 50V J
	C1729	NDC31HJ-181X	C CAP.	180pF 50V J
	C1730	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1741	QETN1HM-106Z	E CAP.	10μF 50V M
	C1742	QETN1HM-106Z	E CAP.	10μF 50V M
	C1743	QETN1HM-106Z	E CAP.	10μF 50V M
	C1744	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1805	QETN1CM-227Z	E CAP.	220μF 16V M
	C1806	QETN1CM-477Z	E CAP.	470μF 16V M
	C1811	QETN1HM-106Z	E CAP.	10μF 50V M
	C1821	QETN1CM-107Z	E CAP.	100μF 16V M
	C1822	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1823	NDC31HJ-330X	C CAP.	33pF 50V J
	C1824	NDC31HJ-390X	C CAP.	39pF 50V J
	C1825	QETN1HM-105Z	E CAP.	1μF 50V M
	C1826	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1827	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1830	NDC31HJ-151X	C CAP.	150pF 50V J
	C1831	QFV71HJ-104Z	MF CAP.	0.1μF 50V J
	C1832	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1833	NDC31HJ-680X	C CAP.	68pF 50V J
	C1834	NDC31HJ-330X	C CAP.	33pF 50V J
	C1835	NDC31HJ-221X	C CAP.	220pF 50V J
	C1836	QETN1HM-335Z	E CAP.	3.3μF 50V M
	C1837	QETN1HM-335Z	E CAP.	3.3μF 50V M
	C1838	QETN1HM-335Z	E CAP.	3.3μF 50V M

⚠	Symbol No.	Part No.	Part Name	Description

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description
	C1841	NCB31HK-152X	C CAP.	1500pF 50V K
	C1843	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1844	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1845	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1846	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1847	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C1848	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1849	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1852	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1853	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1854	QETN1CM-107Z	E CAP.	100μF 16V M
	C1855	QETN1HM-106Z	E CAP.	10μF 50V M
	C1856	NCB31HK-104X	C CAP.	0.1μF 50V K
⚠	C1901	QFZ9078-224	MPF CAP.	0.22μF AC275V M
⚠	C1904	QCZ9015-102	C CAP.	1000pF AC250V Z
⚠	C1905	QCZ9015-102	C CAP.	1000pF AC250V Z
⚠	C1907	QCZ9015-102	C CAP.	1000pF AC250V Z
⚠	C1909	QEZ0552-127	E CAP.	or QEZ0199-127 120μF 400V M
⚠	C1910	QFZ9078-473	MPF CAP.	0.047μF AC275V M
	C1922	QFLC1HJ-104Z	M CAP.	0.1μF 50V J
	C1924	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C1925	QETN1VM-476Z	E CAP.	47μF 35V M
	C1926	QFLC1HJ-332Z	M CAP.	3300pF 50V J
⚠	C1929	QFK42JK-103	MM CAP.	0.01μF 630V K
⚠	C1931	QCZ0364-681	C CAP.	680pF 2kV K
	C1932	NDC31HJ-681X	C CAP.	680pF 50V J
	C1941	QCZ0364-561	C CAP.	560pF 2kV K
	C1942	QEZ0203-107	E CAP.	100μF 160V M
	C1944	QCB32HK-222Z	C CAP.	2200pF 500V K
	C1945	QEHR1EM-108Z	E CAP.	1000μF 25V M
	C1946	QETN1EM-108Z	E CAP.	1000μF 25V M
	C1947	QCB32HK-222Z	C CAP.	2200pF 500V K
	C1948	QETN1EM-108Z	E CAP.	1000μF 25V M
	C1949	NDC31HJ-471X	C CAP.	470pF 50V J
	C1976	QETN1EM-227Z	E CAP.	220μF 25V M
	C1977	QEHR1CM-227Z	E CAP.	220μF 16V M
	C1978	QETN1EM-227Z	E CAP.	220μF 25V M
	C1979	QETN1AM-227Z	E CAP.	220μF 10V M
⚠	C1991	QCZ9079-102	C CAP.	1000pF AC250V M
⚠	C1992	QCZ9079-102	C CAP.	1000pF AC250V M
⚠	C1993	QCZ9079-152	C CAP.	1500pF AC250V M

TRANSFORMER

⚠	Symbol No.	Part No.	Part Name	Description
	T1501	CE40203-00CJ1	DRIVE TRANSF.	
⚠	T1522	QQH0132-001	F.B.TRANSF.	
⚠	T1921	QQS0161-001	SW TRANSF.	

COIL

⚠	Symbol No.	Part No.	Part Name	Description
	L1001	QQL244K-8R2Z	COIL	8.2μH K
	L1101	QQL244J-2R2Z	COIL	2.2μH J
	L1103	QQL244K-8R2Z	COIL	8.2μH K
	L1551	QQL2034-320	INDUCTOR	
	L1701	QQL244J-5R6Z	COIL	5.6μH J
	L1821	NQL092K-4R7X	COIL	4.7μH
	L1822	NQL092K-4R7X	COIL	4.7μH
	L1823	NQL092K-4R7X	COIL	4.7μH
	L1824	NQL092K-4R7X	COIL	4.7μH
	L1825	NQL092K-4R7X	COIL	4.7μH
	L1826	NQL092K-4R7X	COIL	4.7μH
	L1827	NQL092K-4R7X	COIL	4.7μH
	L1828	QQL244K-8R2Z	COIL	8.2μH K
	L1941	QQL26AK-820Z	COIL	82μH K
	L1942	QQL244J-4R7Z	INDUCTOR	
	L1943	QQL244J-4R7Z	INDUCTOR	

DIODE

⚠	Symbol No.	Part No.	Part Name	Description
	D1001	MTZJ33A-T2	ZENER DIODE	
	D1102	MA859-T2	SI.DIODE	
	D1301	MTZJ9.1B-T2	ZENER DIODE	
	D1302	MTZJ9.1B-T2	ZENER DIODE	
	D1305	AK04-T2	SB DIODE	
	D1306	QRE121J-121	C R	120Ω 1/2W J
	D1341	MA111-X	SI.DIODE	

[AV-14FMT3]

⚠	Symbol No.	Part No.	Part Name	Description

DIODE

⚠	Symbol No.	Part No.	Part Name	Description
	D1372	MA111-X	SI.DIODE	
	D1373	MA111-X	SI.DIODE	
	D1421	MTZJ75-T2	ZENER DIODE	
	D1423	1SR124-400A-T2	SI.DIODE	
	D1425	MA111-X	SI.DIODE	
	D1427	MTZJ27B-T2	ZENER DIODE	
	D1501	MTZJ6.8C-T2	ZENER DIODE	
	D1551	RGP10J-5025-T3	SI.DIODE	
	D1552	RGP10J-5025-T3	SI.DIODE	
	D1553	MTZJ9.1B-T2	ZENER DIODE	
	D1554	MA111-X	SI.DIODE	
	D1557	1SR124-400A-T2	SI.DIODE	
	D1571	MTZJ7.5S-T2	ZENER DIODE	
	D1581	MTZJ20B-T2	ZENER DIODE	
	D1582	RGP10J-5025-T3	SI.DIODE	
	D1651	MA111-X	SI.DIODE	
	D1652	MTZJ12C-T2	ZENER DIODE	
	D1653	MA111-X	SI.DIODE	
	D1654	MTZJ12C-T2	ZENER DIODE	
	D1655	MA111-X	SI.DIODE	
	D1656	MA111-X	SI.DIODE	
	D1657	MA111-X	SI.DIODE	
	D1701	MA111-X	SI.DIODE	
	D1704	SLR-342VR-T15	LED	
	D1705	SLR-342DU-T15	LED	
	D1707	MA111-X	SI.DIODE	
	D1731	MA111-X	SI.DIODE	
	D1801	MA111-X	SI.DIODE	
⚠	D1901	G2SBA60	BRIDGE DIODE	
	D1921	RGP10J-5025-T3	SI.DIODE	
	D1925	RGP10J-5025-T3	SI.DIODE	
	D1927	MTZJ36A-T2	ZENER DIODE	
	D1928	MTZJ3.3A-T2	ZENER DIODE	
	D1929	MTZJ3.3A-T2	ZENER DIODE	
	D1930	RGP10M-5010-T3	SI.DIODE	
	D1931	MA111-X	SI.DIODE	
	D1933	MTZJ16C-T2	ZENER DIODE	
	D1941	RU3AM-LFC4	SI.DIODE	
	D1942	RU3YX-LFC4	SI.DIODE	
	D1943	RGP10J-5025-T3	SI.DIODE	
	D1982	MA111-X	SI.DIODE	
	D1983	MA111-X	SI.DIODE	

TRANSISTOR

⚠	Symbol No.	Part No.	Part Name	Description
	Q1102	2SC5083/L-P/-T	SI.TRANSISTOR	
	Q1103	UN2212-X	DIGI.TRANSISTOR	
	Q1161	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1301	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1302	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1351	STC344-T	SI.TRANSISTOR	
	Q1352	STC344-T	SI.TRANSISTOR	
	Q1353	STC344-T	SI.TRANSISTOR	
	Q1371	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1372	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1373	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1401	DTC124ESA-T	DIGI.TRANSISTOR	
	Q1402	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1403	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1404	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1521	2SC2655/Y/-T	SI.TRANSISTOR	
⚠	Q1522	2SD2658LS-YB11	POWER TRANSISTOR	H.OUT
	Q1571	2SA1208/ST/Z1-T	SI.TRANSISTOR	
	Q1572	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1651	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1652	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1653	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1702	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1703	UN2212-X	DIGI.TRANSISTOR	
	Q1708	UN2212-X	DIGI.TRANSISTOR	
	Q1709	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1803	2SC1815/YG/-T	SI.TRANSISTOR	
	Q1804	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1821	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1822	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1824	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1825	UN2212-X	DIGI.TRANSISTOR	
	Q1826	2SC5083/L-P/-T	SI.TRANSISTOR	
	Q1974	2SA966/OY/-T	SI.TRANSISTOR	
	Q1975	UN2212-X	DIGI.TRANSISTOR	

⚠	Symbol No.	Part No.	Part Name	Description

IC

⚠	Symbol No.	Part No.	Part Name	Description
	IC1301	MN5198K	I C	
	IC1371	TC4053BP/N/	I C	
	IC1421	AN5522	I C	
	IC1651	AN5265	I C	
⚠	IC1701	MN1873287JJ1	I C(MCU)	
	IC1702	AT24C08-210MG3	I C	(SERVICE)
	IC1703	L78LR05E-MA	I C	
	IC1704	PIC-47143SY	IR DETECT UNIT	
⚠	IC1821	SDA5553-V006	I C(MCU)	
⚠	IC1822	PQ2L3252MS-X	I C	
⚠	IC1921	STR-W5753A/F5	I C	
	IC1971	BA17809T	I C	
	IC1972	BA17805T	I C	

OTHERS

⚠	Symbol No.	Part No.	Part Name	Description
		LC30114-001C-H	LED HOLDER	
		CM35921-005-H	CDS HOLDER	
	CF1161	QAX0642-001Z	C FILTER	
⚠	CP1981	ICP-N25-Y	I.C.PROTECT	
⚠	CP1982	ICP-N75-Y	I.C.PROTECT	
⚠	F1901	QMF51E2-3R15J4	FUSE	3.15A
	FC1901	CEM0002-001Z	FUSE CLIP	
	FR1557	QRJ146J-2R2X	C R	2.2Ω 1/4W J
	J1002	QNN0384-001	PIN JACK	
	J1003	QNN0281-003	PIN JACK	or CEMN065-001
	J1004	QNN0281-002	PIN JACK	or CEMN065-002
⚠	J1005	QNS0197-001	3.5 JACK	
	K1351	QQR0621-002Z	FERRITE BEADS	
	K1421	QQR1113-001Z	FERRITE BEADS	
	K1941	QQR1113-001Z	FERRITE BEADS	
	K1942	QQR1113-001Z	FERRITE BEADS	
	K1943	QQR1113-001Z	FERRITE BEADS	
⚠	LF1901	QQR0673-002	LINE FILTER	
	PC1701	P1241-04	PHOTO CONDUCTOR	
	S1701	QSW0619-003Z	TACT SWITCH	VOL+
	S1702	QSW0619-003Z	TACT SWITCH	VOL-
	S1703	QSW0619-003Z	TACT SWITCH	CH+
	S1704	QSW0619-003Z	TACT SWITCH	CH-
	S1705	QSW0619-003Z	TACT SWITCH	MENU
⚠	S1901	QSW0750-001	PUSH SWITCH	POWER SW
	SF1102	QAX0731-001	SAW FILTER	
	SF1122	QAX0825-001	SAW FILTER	
⚠	SK1351	CE42554-001	C R T SOCKET	or QNZ0536-001
⚠	TH1901	QAD0121-9R0	THERMISTOR	or QAD0119-9R0
⚠	TU1001	QAU0287-001	TUNER	
⚠	VA1901	ERZV10V621CS	VARISTOR	or QAF0052-621
⚠	X1301	QAX0705-001Z	CRYSTAL	
	X1302	CE41651-001Z	X-TAL	
	X1701	QAX0807-001	C RESONATOR	

PRINTED WIRING BOARD PARTS LIST

[AV-1438]

MAIN P.W. BOARD ASS'Y (SCG-1440A-H2)

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description
	R1002	NRSA63J-221X	MG R	220Ω 1/16W J
	R1003	NRSA63J-221X	MG R	220Ω 1/16W J
	R1004	NRSA63J-563X	MG R	56kΩ 1/16W J
	R1102	NRSA63J-750X	MG R	75Ω 1/16W J
	R1103	NRSA63J-100X	MG R	10Ω 1/16W J
	R1109	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1110	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1111	NRSA63J-181X	MG R	180Ω 1/16W J
	R1112	NRSA63J-220X	MG R	22Ω 1/16W J
	R1113	NRSA63J-101X	MG R	100Ω 1/16W J
	R1114	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1115	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1117	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1118	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1120	NRSA63J-391X	MG R	390Ω 1/16W J
	R1121	NRSA63J-221X	MG R	220Ω 1/16W J
	R1159	NRSA02J-184X	MG R	180kΩ 1/10W J
	R1161	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1162	NRSA63J-122X	MG R	1.2kΩ 1/16W J
	R1163	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1164	NRSA63J-221X	MG R	220Ω 1/16W J
	R1165	NRSA63J-220X	MG R	22Ω 1/16W J
	R1166	NRSA63J-821X	MG R	820Ω 1/16W J
	R1301	NRSA63J-221X	MG R	220Ω 1/16W J
	R1302	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1303	NRSA63J-101X	MG R	100Ω 1/16W J
	R1304	NRSA63J-101X	MG R	100Ω 1/16W J
	R1305	NRSA63J-101X	MG R	100Ω 1/16W J
	R1306	NRSA63J-221X	MG R	220Ω 1/16W J
	R1307	NRSA63J-122X	MG R	1.2kΩ 1/16W J
	R1308	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1312	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1313	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1314	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1321	NRSA63J-152X	MG R	1.5kΩ 1/16W J
	R1322	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1323	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1324	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1326	NRSA63J-101X	MG R	100Ω 1/16W J
	R1327	NRSA02J-475X	MG R	4.7MΩ 1/10W J
	R1341	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1345	NRSA63J-151X	MG R	150Ω 1/16W J
	R1346	NRSA63J-151X	MG R	150Ω 1/16W J
	R1353	NRSA63J-151X	MG R	150Ω 1/16W J
	R1354	NRSA63J-331X	MG R	330Ω 1/16W J
	R1355	NRSA63J-331X	MG R	330Ω 1/16W J
	R1356	NRSA63J-331X	MG R	330Ω 1/16W J
	R1357	NRSA63J-101X	MG R	100Ω 1/16W J
	R1358	NRSA63J-101X	MG R	100Ω 1/16W J
	R1359	NRSA63J-101X	MG R	100Ω 1/16W J
	R1360	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1361	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1362	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1363	QRL029J-123	OM R	12kΩ 2W J
	R1364	QRL029J-123	OM R	12kΩ 2W J
	R1365	QRL029J-123	OM R	12kΩ 2W J
	R1366	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1367	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1368	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1372	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1374	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1401	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1421	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1423	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1424	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1425	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1426	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1429	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1430	NRSA63J-823X	MG R	82kΩ 1/16W J
	R1431	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1432	QRE121J-3R9Y	C R	3.9Ω 1/2W J
	R1433	QRE121J-3R9Y	C R	3.9Ω 1/2W J
	R1436	NRSA63J-823X	MG R	82kΩ 1/16W J
	R1440	QRE121J-471Y	C R	470Ω 1/2W J
	R1441	NRSA63J-822X	MG R	8.2kΩ 1/16W J
	R1442	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1448	QRE121J-1R0Y	C R	1.0Ω 1/2W J
	R1453	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1502	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1503	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1525	QRL029J-180	OM R	18Ω 2W J
	R1526	QRE121J-271Y	C R	270Ω 1/2W J
	R1529	QRL039J-681	OM R	680Ω 3W J
	R1531	NRSA63J-331X	MG R	330Ω 1/16W J
	R1532	NRSA63J-102X	MG R	1kΩ 1/16W J
⚠	R1551	QRZ9011-1R0	F R	1.0Ω 1/2W J
	R1552	QRJ146J-2R2X	C R	2.2Ω 1/4W J
	R1554	QRE121J-681Y	C R	680Ω 1/2W J
	R1571	QRE121J-222Y	C R	2.2kΩ 1/2W J
	R1573	QRT029J-2R2	MF R	2.2Ω 2W J
	R1574	QRT029J-1R5	MF R	1.5Ω 2W J
	R1576	QRE121J-223Y	C R	22kΩ 1/2W J
	R1577	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R1578	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1581	QRE121J-182Y	C R	1.8kΩ 1/2W J
	R1582	NRSA63J-273X	MG R	27kΩ 1/16W J
	R1583	NRSA63J-393X	MG R	39kΩ 1/16W J
	R1651	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1652	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1653	NRSA63J-331X	MG R	330Ω 1/16W J
	R1654	NRSA63J-223X	MG R	22kΩ 1/16W J
	R1655	NRSA63J-473X	MG R	47kΩ 1/16W J
	R1656	NRSA63J-822X	MG R	8.2kΩ 1/16W J
	R1657	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1658	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1659	QRE121J-4R7Y	C R	4.7Ω 1/2W J
	R1660	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1661	QRE121J-271Y	C R	270Ω 1/2W J
	R1662	QRE121J-271Y	C R	270Ω 1/2W J
	R1664	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1665	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1666	NRSA63J-101X	MG R	100Ω 1/16W J
	R1667	QRE121J-101Y	C R	100Ω 1/2W J
⚠	R1668	QRT029J-5R6	MF R	5.6Ω 2W J
	R1701	NRSA63J-562X	MG R	5.6kΩ 1/16W J
	R1702	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1703	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R1704	NRSA63J-221X	MG R	220Ω 1/16W J
	R1705	NRSA63J-221X	MG R	220Ω 1/16W J
	R1706	NRSA63J-561X	MG R	560Ω 1/16W J
	R1707	NRSA63J-561X	MG R	560Ω 1/16W J
	R1708	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1709	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1710	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1711	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1712	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1713	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1714	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1715	NRSA63J-221X	MG R	220Ω 1/16W J
	R1716	NRSA63J-221X	MG R	220Ω 1/16W J
	R1718	NRSA63J-561X	MG R	560Ω 1/16W J
	R1719	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1720	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1721	NRSA63J-103X	MG R	10kΩ 1/16W J
⚠	R1723	QRL039J-270	OM R	27Ω 3W J
	R1725	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1726	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1727	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1728	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1729	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1730	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1731	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1735	NRSA63J-823X	MG R	82kΩ 1/16W J
	R1737	NRSA63J-104X	MG R	100kΩ 1/16W J
	R1738	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1739	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1740	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R1741	NRSA63J-561X	MG R	560Ω 1/16W J
	R1742	NRSA63J-563X	MG R	56kΩ 1/16W J
	R1746	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1747	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1748	NRSA63J-101X	MG R	100Ω 1/16W J
	R1749	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1771	NRSA63J-821X	MG R	820Ω 1/16W J
	R1772	NRSA63J-821X	MG R	820Ω 1/16W J
	R1791	NRSA63J-221X	MG R	220Ω 1/16W J
	R1792	NRSA63J-221X	MG R	220Ω 1/16W J
	R1793	NRSA63J-221X	MG R	220Ω 1/16W J
	R1794	NRSA63J-221X	MG R	220Ω 1/16W J
	R1795	NRSA63J-221X	MG R	220Ω 1/16W J
	R1796	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1797	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1802	NRSA63J-750X	MG R	75Ω 1/16W J
	R1806	QRE121J-271Y	C R	270Ω 1/2W J
	R1807	NRSA63J-680X	MG R	68Ω 1/16W J
	R1810	QRG01GJ-560	OM R	56Ω 1W J
	R1811	NRSA63J-221X	MG R	220Ω 1/16W J
	R1815	QRE121J-181Y	C R	180Ω 1/2W J
	R1816	NRSA63J-681X	MG R	680Ω 1/16W J
	R1817	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1901	QRF074K-4R7	UNF R	4.7Ω 7W K
	R1903	QRL029J-104	OM R	100kΩ 2W J
	R1904	QRL039J-151	OM R	150Ω 3W J
	R1906	QRL029J-104	OM R	100kΩ 2W J
	R1921	QRE121J-2R2Y	C R	2.2Ω 1/2W J
	R1922	QRE121J-221Y	C R	220Ω 1/2W J
	R1923	QRM034J-R22	MP R	0.22Ω 3W J
	R1928	QRL039J-683	OM R	68kΩ 3W J
	R1933	QRE121J-4R7Y	C R	4.7Ω 1/2W J
	R1934	NRSA63J-683X	MG R	68kΩ 1/16W J
	R1935	QRE121J-392Y	C R	3.9kΩ 1/2W J
	R1974	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1976	QRL029J-120	OM R	12Ω 2W J
	R1977	QRE121J-122Y	C R	1.2kΩ 1/2W J
	R1978	NRSA63J-473X	MG R	47kΩ 1/16W J
	R1979	QRL039J-470	OM R	47Ω 3W J
	R1980	QRL029J-152	OM R	1.5kΩ 2W J
⚠	R1991	QRZ9046-825Z	C R	8.2MΩ 1/2W K

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description
	C1001	QETN1HM-106Z	E CAP.	10µF 50V M
	C1002	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1004	QETN1CM-477Z	E CAP.	470µF 16V M
	C1005	QFV71HJ-104Z	MF CAP.	0.1µF 50V J
	C1008	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C1103	QETN1EM-476Z	E CAP.	47µF 25V M
	C1104	NCB31HK-472X	C CAP.	4700pF 50V K
	C1105	NCB31HK-472X	C CAP.	4700pF 50V K
	C1106	NCB31HK-472X	C CAP.	4700pF 50V K
	C1107	NCB31HK-472X	C CAP.	4700pF 50V K
	C1109	NCB31HK-472X	C CAP.	4700pF 50V K
	C1110	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	C1112	QETN1EM-476Z	E CAP.	47µF 25V M
	C1113	NCB31HK-472X	C CAP.	4700pF 50V K
	C1114	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1115	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1116	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1117	QFV71HJ-224Z	MF CAP.	0.22µF 50V J
	C1119	QETN1HM-474Z	E CAP.	0.47µF 50V M
	C1120	NDC31HJ-121X	C CAP.	120pF 50V J
	C1121	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1122	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1161	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1162	NCB31HK-152X	C CAP.	1500pF 50V K
	C1164	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1165	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1166	NCB31HK-104X	C CAP.	0.1µF 50V K
	C1301	NCB31HK-123X	C CAP.	0.012µF 50V K
	C1302	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C1303	NDC31HJ-100X	C CAP.	10pF 50V J
	C1304	QFV71HJ-474Z	MF CAP.	0.47µF 50V J
	C1305	QETN1HM-474Z	E CAP.	0.47µF 50V M
	C1306	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1307	QETN1CM-477Z	E CAP.	470µF 16V M
	C1308	QETN1CM-107Z	E CAP.	100µF 16V M
	C1309	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1310	NDC31HJ-221X	C CAP.	220pF 50V J
	C1311	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1312	QENC1HM-474Z	E CAP.	0.47µF 50V M
	C1313	QETN1HM-335Z	E CAP.	3.3µF 50V M
	C1314	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1315	QETN1CM-107Z	E CAP.	100µF 16V M
	C1316	QETN1HM-106Z	E CAP.	10µF 50V M
	C1317	NCB31EK-473X	C CAP.	0.047µF 25V K
	C1321	NDC31HJ-120X	C CAP.	12pF 50V J
	C1322	NCB31EK-273X	C CAP.	0.027µF 25V K
	C1323	QETN1HM-474Z	E CAP.	0.47µF 50V M
	C1324	QETN1HM-106Z	E CAP.	10µF 50V M
	C1325	QENC1HM-106Z	BP E CAP.	10µF 50V M
	C1326	NCS21HJ-221X	C CAP.	220pF 50V J
	C1341	QETN1HM-106Z	E CAP.	10µF 50V M
	C1352	QFZ0097-103	MM CAP.	0.01µF 1250V K
	C1354	NDC31HJ-271X	C CAP.	270pF 50V J
	C1355	NDC31HJ-221X	C CAP.	220pF 50V J
	C1356	NDC31HJ-331X	C CAP.	330pF 50V J
	C1357	QETN1AM-477Z	E CAP.	470µF 10V M
	C1365	QENC1HM-105Z	E CAP.	1µF 50V M
	C1366	QENC1HM-105Z	E CAP.	1µF 50V M
	C1367	QENC1HM-105Z	E CAP.	1µF 50V M
	C1401	QFV71HJ-474Z	MF CAP.	0.47µF 50V J
	C1423	QCS32HJ-180Z	C CAP.	18pF 500V J
	C1424	QFLC2AJ-103Z	M CAP.	0.01µF 100V J
	C1426	QCB32HK-331Z	C CAP.	330pF 500V K
	C1427	QETN1VM-107Z	E CAP.	100µF 35V M
	C1428	QETN1VM-107Z	E CAP.	100µF 35V M
	C1429	QETN1HM-106Z	E CAP.	10µF 50V M
	C1430	QFN32AJ-472Z	M CAP.	4700pF 100V J
	C1433	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C1435	QETN1EM-228	E CAP.	2200µF 25V M
	C1436	QFV71HJ-334Z	MF CAP.	0.33µF 50V J
	C1437	NCB31HK-104X	C CAP.	0.1µF 50V K
	C1501	QETN1AM-477Z	E CAP.	470µF 10V M
	C1502	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1503	QETN1HM-106Z	E CAP.	10µF 50V M
	C1523	QETN1EM-476Z	E CAP.	47µF 25V M
⚠	C1525	QFZ0200-682	MPP CAP	6800pF 1.5kVH±3%
	C1526	QFLC1HJ-103Z	M CAP.	0.01µF 50V J
⚠	C1527	QFZ0199-564	MPP CAP.	0.56µF 250V J
	C1529	QFN32AJ-102Z	M CAP.	1000pF 100V J
	C1531	QEZ0203-107	E CAP.	100µF 160V M
	C1552	QETN1VM-108	E CAP.	1000µF 35V M
	C1554	QETN2EM-475Z	E CAP.	4.7µF 250V M
	C1555	QFN32AJ-682Z	M CAP.	6800pF 100V J
	C1557	QETN1HM-107Z	E CAP.	100µF 50V M
	C1571	QETN1AM-107Z	E CAP.	100µF 10V M
	C1572	QETN1EM-476Z	E CAP.	47µF 25V M
	C1581	QFV71HJ-104Z	MF CAP.	0.1µF 50V J
	C1652	NCB31HK-473X	C CAP.	0.047µF 50V K
	C1653	QETN1HM-106Z	E CAP.	10µF 50V M
	C1654	QETN1CM-477Z	E CAP.	470µF 16V M
	C1655	QETN1HM-106Z	E CAP.	10µF 50V M
	C1656	QENC1HM-105Z	E CAP.	1µF 50V M
	C1657	QETN1EM-107Z	E CAP.	100µF 25V M
	C1658	QETN1EM-227Z	E CAP.	220µF 25V M
	C1659	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C1663	NCB31HK-102X	C CAP.	1000pF 50V K
	C1664	QETN1CM-107Z	E CAP.	100µF 16V M
	C1665	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1701	QETN1HM-106Z	E CAP.	10µF 50V M
	C1705	QETN1CM-477Z	E CAP.	470µF 16V M
	C1706	NCB31HK-104X	C CAP.	0.1µF 50V K
	C1707	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1708	QETN1AM-108Z	E CAP.	1000µF 10V M
	C1709	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1710	QETN1CM-107Z	E CAP.	100µF 16V M
	C1711	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1712	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1713	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1716	NDC31HJ-181X	C CAP.	180pF 50V J
	C1717	NDC31HJ-181X	C CAP.	180pF 50V J

[AV-1438]

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description
	C1718	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1719	QETN1HM-105Z	E CAP.	1μF 50V M
	C1720	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1721	NCB31EK-333X	C CAP.	0.033μF 25V K
	C1722	NDC31HJ-101X	C CAP.	100pF 50V J
	C1724	NDC31HJ-151X	C CAP.	150pF 50V J
	C1728	NDC31HJ-181X	C CAP.	180pF 50V J
	C1729	NDC31HJ-181X	C CAP.	180pF 50V J
	C1730	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1744	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1805	QETN1CM-227Z	E CAP.	220μF 16V M
	C1806	QETN1CM-477Z	E CAP.	470μF 16V M
	C1811	QETN1HM-106Z	E CAP.	10μF 50V M
	C1841	NCB31HK-152X	C CAP.	1500pF 50V K
⚠	C1901	QFZ9078-224	MPF CAP.	0.22μFAC275V M
⚠	C1904	QCZ9015-102	C CAP.	1000pFAC250V Z
⚠	C1905	QCZ9015-102	C CAP.	1000pFAC250V Z
⚠	C1907	QCZ9015-102	C CAP.	1000pFAC250V Z
⚠	C1909	QEZ0552-127	E CAP.	or QEZ0199-127 120μF 400V M
⚠	C1910	QFZ9078-473	MPF CAP.	0.047μFAC275V M
	C1922	QFLC1HJ-104Z	M CAP.	0.1μF 50V J
	C1924	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C1925	QETN1VM-476Z	E CAP.	47μF 35V M
	C1926	QFLC1HJ-332Z	M CAP.	3300pF 50V J
⚠	C1929	QFKA2JK-103	MM CAP.	0.01μF 630V K
⚠	C1931	QCZ0364-681	C CAP.	680pF 2kV K
	C1932	NDC31HJ-221X	C CAP.	220pF 50V J
	C1941	QCZ0364-561	C CAP.	560pF 2kV K
	C1942	QEZ0203-107	E CAP.	100μF 160V M
	C1944	QCB32HK-222Z	C CAP.	2200pF 500V K
	C1944	QCB32HK-222Z	C CAP.	2200pF 500V K
	C1945	QEHR1EM-108Z	E CAP.	1000μF 25V M
	C1945	QEHR1EM-108Z	E CAP.	1000μF 25V M
	C1946	QETN1EM-108Z	E CAP.	1000μF 25V M
	C1946	QETN1EM-477Z	E CAP.	470μF 25V M
	C1947	QCB32HK-222Z	C CAP.	2200pF 500V K
	C1947	QCB32HK-222Z	C CAP.	2200pF 500V K
	C1948	QETN1EM-108Z	E CAP.	1000μF 25V M
	C1948	QETN1EM-108Z	E CAP.	1000μF 25V M
	C1949	NDC31HJ-471X	C CAP.	470pF 50V J
	C1949	NDC31HJ-471X	C CAP.	470pF 50V J
	C1961	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C1976	QETN1EM-227Z	E CAP.	220μF 25V M
	C1977	QETN1CM-227Z	E CAP.	220μF 16V M
	C1978	QETN1EM-227Z	E CAP.	220μF 25V M
	C1979	QETN1AM-227Z	E CAP.	220μF 10V M
⚠	C1991	QCZ9079-102	C CAP.	1000pFAC250V M
⚠	C1992	QCZ9079-102	C CAP.	1000pFAC250V M
⚠	C1993	QCZ9079-152	C CAP.	1500pFAC250V M

TRANSFORMER

⚠	Symbol No.	Part No.	Part Name	Description
	T1501	CE40203-00CJ1	DRIVE TRANSF.	
⚠	T1522	QQH0132-001	F.B.TRANSF.	
⚠	T1921	QQS0161-001	SW TRANSF.	

COIL

⚠	Symbol No.	Part No.	Part Name	Description
	L1001	QQL244K-8R2Z	COIL	8.2μH K
	L1101	QQL244J-2R2Z	COIL	2.2μH J
	L1103	QQL244K-8R2Z	COIL	8.2μH K
	L1551	QQL2034-320	INDUCTOR	
	L1701	QQL244J-5R6Z	COIL	5.6μH J
	L1941	QQL26AK-820Z	COIL	82μH K
	L1942	QQL244J-4R7Z	INDUCTOR	
	L1943	QQL244J-4R7Z	INDUCTOR	

DIODE

⚠	Symbol No.	Part No.	Part Name	Description
	D1001	MTZJ33A-T2	ZENER DIODE	
	D1102	MA859-T2	SI.DIODE	
	D1301	MTZJ9.1B-T2	ZENER DIODE	
	D1302	MTZJ9.1B-T2	ZENER DIODE	
	D1305	AK04-T2	SB DIODE	
	D1306	QRE121J-121Y	C R	120Ω 1/2W J
	D1341	MA111-X	SI.DIODE	
	D1421	MTZJ75-T2	ZENER DIODE	
	D1423	1SR124-400A-T2	SI.DIODE	

DIODE

⚠	Symbol No.	Part No.	Part Name	Description
	D1425	MA111-X	SI.DIODE	
	D1427	MTZJ[illegible]-T2	ZENER DIODE	
	D1501	MTZJ[illegible]-T2	ZENER DIODE	
	D1551	RGP10J-5025-T3	SI.DIODE	
	D1552	RGP10J-5025-T3	SI.DIODE	
	D1553	MTZJ9.1B-T2	ZENER DIODE	
	D1554	MA111-X	SI.DIODE	
	D1557	1SR124-400A-T2	SI.DIODE	
	D1571	MTZJ[illegible]-T2	ZENER DIODE	
	D1581	MTZJ20B-T2	ZENER DIODE	
	D1582	RGP10J-5025-T3	SI.DIODE	
	D1651	MA111-X	SI.DIODE	
	D1652	MTZJ12C-T2	ZENER DIODE	
	D1653	MA111-X	SI.DIODE	
	D1654	MTZJ12C-T2	ZENER DIODE	
	D1655	MA111-X	SI.DIODE	
	D1656	MA111-X	SI.DIODE	
	D1657	MA111-X	SI.DIODE	
	D1701	MA111-X	SI.DIODE	
	D1704	SLR-342VR-T15	LED	
	D1705	SLR-342DU-T15	LED	
	D1707	MA111-X	SI.DIODE	
	D1731	MA111-X	SI.DIODE	
⚠	D1901	[illegible]	BRIDGE DIODE	
	D1921	RGP10J-5025-T3	SI.DIODE	
	D1925	RGP10J-5025-T3	SI.DIODE	
	D1927	MTZJ[illegible]-T2	ZENER DIODE	
	D1928	MTZJ[illegible]A-T2	ZENER DIODE	
	D1929	MTZJ[illegible]A-T2	ZENER DIODE	
	D1930	RGP10M-5010-T3	SI.DIODE	
	D1931	MA111-X	SI.DIODE	
	D1933	MTZJ[illegible]-T2	ZENER DIODE	
	D1941	RU[illegible]-LFC4	SI.DIODE	
	D1942	RU[illegible]-LFC4	SI.DIODE	
	D1943	RGP10J-5025-T3	SI.DIODE	
	D1982	MA111-X	SI.DIODE	
	D1983	MA111-X	SI.DIODE	

TRANSISTOR

⚠	Symbol No.	Part No.	Part Name	Description
	Q1102	2SC5083/L-P/-T	SI.TRANSISTOR	
	Q1103	UN2212-X	DIGI.TRANSISTOR	
	Q1161	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1301	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1302	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1351	ST[illegible]344-T	SI.TRANSISTOR	
	Q1352	ST[illegible]344-T	SI.TRANSISTOR	
	Q1353	ST[illegible]344-T	SI.TRANSISTOR	
	Q1401	DTC124ESA-T	DIGI.TRANSISTOR	
	Q1402	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1521	2SC[illegible]55/Y/-T	SI.TRANSISTOR	
⚠	Q1522	2S[illegible]58LS-YB11	POWER TRANSISTOR	H.OUT
	Q1571	2SA1208/ST/Z1-T	SI.TRANSISTOR	
	Q1572	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1651	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1652	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1653	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1702	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1703	UN22[illegible]-X	DIGI.TRANSISTOR	
	Q1708	UN22[illegible]-X	DIGI.TRANSISTOR	
	Q1709	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1803	2SC1815/YG/-T	SI.TRANSISTOR	
	Q1804	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1974	2SA966/OY/-T	SI.TRANSISTOR	
	Q1975	UN22[illegible]-X	DIGI.TRANSISTOR	

[AV-1438]

IC

⚠	Symbol No.	Part No.	Part Name	Description
	IC1301	MN5198K	I C	
	IC1421	AN5522	I C	
	IC1651	AN5265	I C	
⚠	IC1701	MN1873287JL1	I C	
	IC1702	AT24C08-21DMG3	I C	(SERVICE)
	IC1703	L78LR05E-MA	I C	
	IC1704	PIC-47143SY	IR DETECT UNIT	
	IC1921	STR-W5753A/F5	I C	
	IC1971	BA17809T	I C	
	IC1972	BA17805T	I C	

OTHERS

⚠	Symbol No.	Part No.	Part Name	Description
		LC30114-001C-H	LED HOLDER	
		CM35921-005-H	CDS HOLDER	
	CF1161	QAX0642-001Z	C FILTER	
⚠	CP1981	ICP-N25-Y	I.C.PROTECT	
⚠	CP1982	ICP-N75-Y	I.C.PROTECT	
⚠	F1901	QMF51E2-3R15J4	FUSE	3.15A
	FC1901	CEM0002-001Z	FUSE CLIP	
	FR1557	QRJ146J-2R2X	C R	2.2Ω 1/4W J
	J1002	QNN0384-001	PIN JACK	
	J1003	QNN0281-003	PIN JACK	or CEMN065-001
	J1004	QNN0281-002	PIN JACK	or CEMN065-002
⚠	J1005	QNS0197-001	3.5 JACK	
	J1006	QNN0281-002	PIN JACK	or CEMN065-002
	K1351	QQR0621-002Z	FERRITE BEADS	
	K1421	QQR1113-001Z	FERRITE BEADS	
	K1901	QQR1113-001Z	FERRITE BEADS	
	K1902	QQR1113-001Z	FERRITE BEADS	
	K1941	QQR1113-001Z	FERRITE BEADS	
	K1942	QQR1113-001Z	FERRITE BEADS	
	K1943	QQR1113-001Z	FERRITE BEADS	
⚠	LF1901	QQR0673-002	LINE FILTER	
	PC1701	P1241-04	PHOTO CONDUCTOR	
	S1701	QSW0619-003Z	TACT SWITCH	VOL+
	S1702	QSW0619-003Z	TACT SWITCH	VOL-
	S1703	QSW0619-003Z	TACT SWITCH	CH+
	S1704	QSW0619-003Z	TACT SWITCH	CH-
	S1705	QSW0619-003Z	TACT SWITCH	MENU
⚠	S1901	QSW0750-001	PUSH SWITCH	POWER SW
	SF1102	QAX0731-001	SAW FILTER	
	SF1122	QAX0825-001	SAW FILTER	
⚠	SK1351	CE42554-001	C R T SOCKET	or QNZ0536-001
⚠	TH1901	CEKP011-001J2	W-PTC	or QAD0119-9R0
⚠	TU1001	QAU0287-001	TUNER	
⚠	VA1901	ERZV10V621CS	VARISTOR	or QAF0052-621
⚠	X1301	QAX0705-001Z	CRYSTAL	
	X1302	CE41651-001Z	X-TAL	
	X1701	QAX0807-001	C RESONATOR	

PRINTED WIRING BOARD PARTS LIST

[AV-14FMG3 / AV14FMG3B / AV-14FMG3/-A]

MAIN P.W. BOARD ASS'Y (SCG-1421A-H2)

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description
	R1002	NRSA63J-221X	MG R	220Ω 1/16W J
	R1003	NRSA63J-221X	MG R	220Ω 1/16W J
	R1004	NRSA63J-563X	MG R	56kΩ 1/16W J
	R1102	NRSA63J-750X	MG R	75Ω 1/16W J
	R1103	NRSA63J-100X	MG R	10Ω 1/16W J
	R1109	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1110	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1111	NRSA63J-181X	MG R	180Ω 1/16W J
	R1112	NRSA63J-220X	MG R	22Ω 1/16W J
	R1113	NRSA63J-101X	MG R	100Ω 1/16W J
	R1114	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1115	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1117	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1118	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1120	NRSA63J-391X	MG R	390Ω 1/16W J
	R1121	NRSA63J-221X	MG R	220Ω 1/16W J
	R1159	NRSA02J-184X	MG R	180kΩ 1/10W J
	R1161	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1162	NRSA63J-122X	MG R	1.2kΩ 1/16W J
	R1163	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1164	NRSA63J-221X	MG R	220Ω 1/16W J
	R1165	NRSA63J-220X	MG R	22Ω 1/16W J
	R1166	NRSA63J-821X	MG R	820Ω 1/16W J
	R1301	NRSA63J-221X	MG R	220Ω 1/16W J
	R1302	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1303	NRSA63J-101X	MG R	100Ω 1/16W J
	R1304	NRSA63J-101X	MG R	100Ω 1/16W J
	R1305	NRSA63J-101X	MG R	100Ω 1/16W J
	R1306	NRSA63J-221X	MG R	220Ω 1/16W J
	R1307	NRSA63J-122X	MG R	1.2kΩ 1/16W J
	R1308	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1312	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1313	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1314	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1321	NRSA63J-152X	MG R	1.5kΩ 1/16W J
	R1322	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1323	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1324	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1326	NRSA63J-101X	MG R	100Ω 1/16W J
	R1327	NRSA02J-475X	MG R	4.7MΩ 1/10W J
	R1341	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1345	NRSA63J-151X	MG R	150Ω 1/16W J
	R1346	NRSA63J-151X	MG R	150Ω 1/16W J
	R1353	NRSA63J-151X	MG R	150Ω 1/16W J
	R1354	NRSA63J-331X	MG R	330Ω 1/16W J
	R1355	NRSA63J-331X	MG R	330Ω 1/16W J
	R1356	NRSA63J-331X	MG R	330Ω 1/16W J
	R1357	NRSA63J-101X	MG R	100Ω 1/16W J
	R1358	NRSA63J-101X	MG R	100Ω 1/16W J
	R1359	NRSA63J-101X	MG R	100Ω 1/16W J
	R1360	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1361	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1362	QRZ0107-152Z	C R	1.5kΩ 1/2W K
	R1363	QRL029J-123	OM R	12kΩ 2W J
	R1364	QRL029J-123	OM R	12kΩ 2W J
	R1365	QRL029J-123	OM R	12kΩ 2W J
	R1366	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1367	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1368	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R1372	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1374	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1401	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1421	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1423	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1424	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1425	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R1426	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1429	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1430	NRSA63J-823X	MG R	82kΩ 1/16W J
	R1431	NRSA63J-103X	MG R	10kΩ 1/16W J

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description
	R1432	QRE121J-3R9Y	C R	3.9Ω 1/2W J
	R1433	QRE121J-3R9Y	C R	3.9Ω 1/2W J
	R1436	NRSA63J-823X	MG R	82kΩ 1/16W J
	R1440	QRE121J-471Y	C R	470Ω 1/2W J
	R1441	NRSA63J-822X	MG R	8.2kΩ 1/16W J
	R1442	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1443	QRE121J-1R0Y	C R	1.0Ω 1/2W J
	R1453	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R1502	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R1503	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1525	QRL029J-180	OM R	18Ω 2W J
	R1526	QRE121J-271Y	C R	270Ω 1/2W J
	R1529	QRL039J-681	OM R	680Ω 3W J
	R1531	NRSA63J-331X	MG R	330Ω 1/16W J
	R1532	NRSA63J-102X	MG R	1kΩ 1/16W J
⚠	R1551	QRZ9011-1R0	F R	1.0Ω 1/2W J
	R1552	QRJ146J-2R2X	C R	2.2Ω 1/4W J
	R1554	QRE121J-681Y	C R	680Ω 1/2W J
	R1571	QRE121J-222Y	C R	2.2kΩ 1/2W J
	R1573	QRT029J-2R2	MF R	2.2Ω 2W J
	R1574	QRT029J-1R5	MF R	1.5Ω 2W J
	R1576	QRE121J-223Y	C R	22kΩ 1/2W J
	R1577	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R1578	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1581	QRE121J-182Y	C R	1.8kΩ 1/2W J
	R1582	NRSA63J-223X	MG R	22kΩ 1/16W J
	R1583	NRSA63J-393X	MG R	39kΩ 1/16W J
	R1651	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1652	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1653	NRSA63J-331X	MG R	330Ω 1/16W J
	R1654	NRSA63J-223X	MG R	22kΩ 1/16W J
	R1655	NRSA63J-473X	MG R	47kΩ 1/16W J
	R1656	NRSA63J-822X	MG R	8.2kΩ 1/16W J
	R1657	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1658	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1659	QRE121J-4R7Y	C R	4.7Ω 1/2W J
	R1660	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1661	QRE121J-271Y	C R	270Ω 1/2W J
	R1662	QRE121J-271Y	C R	270Ω 1/2W J
	R1664	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1665	NRSA63J-103X	MG R	10kΩ 1/16W J
	R1666	NRSA63J-101X	MG R	100Ω 1/16W J
	R1667	QRE121J-101Y	C R	100Ω 1/2W J
⚠	R1668	QRT029J-5R6	MF R	5.6Ω 2W J
	R1701	NRSA63J-562X	MG R	5.6kΩ 1/16W J
	R1702	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R1703	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R1704	NRSA63J-221X	MG R	220Ω 1/16W J
	R1705	NRSA63J-221X	MG R	220Ω 1/16W J
	R1706	NRSA63J-561X	MG R	560Ω 1/16W J
	R1707	NRSA63J-561X	MG R	560Ω 1/16W J
	R1708	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1709	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1710	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1711	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1712	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1713	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1714	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1715	NRSA63J-221X	MG R	220Ω 1/16W J
	R1716	NRSA63J-221X	MG R	220Ω 1/16W J
	R1718	NRSA63J-561X	MG R	560Ω 1/16W J
	R1719	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1720	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1721	NRSA63J-103X	MG R	10kΩ 1/16W J
⚠	R1723	QRL039J-270	OM R	27Ω 3W J
	R1725	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1726	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R1727	NRSA63J-153X	MG R	15kΩ 1/16W J
	R1728	NRSA63J-102X	MG R	1kΩ 1/16W J
	R1729	NRSA63J-102X	MG R	1kΩ 1/16W J

[AV-14FMG3 / AV14FMG3B / AV-14FMG3/-A]

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description
	R17[illegible]	NRSA63J-103X	MG R	10kΩ 1/16W J
	R17[illegible]	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R17[illegible]	NRSA63J-823X	MG R	82kΩ 1/16W J
	R17[illegible]	NRSA63J-104X	MG R	100kΩ 1/16W J
	R17[illegible]	NRSA63J-103X	MG R	10kΩ 1/16W J
	R17[illegible]	NRSA63J-103X	MG R	10kΩ 1/16W J
	R174[illegible]	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R174[illegible]	NRSA63J-561X	MG R	560Ω 1/16W J
	R174[illegible]	NRSA63J-563X	MG R	56kΩ 1/16W J
	R174[illegible]	NRSA63J-103X	MG R	10kΩ 1/16W J
	R174[illegible]	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R174[illegible]	NRSA63J-101X	MG R	100Ω 1/16W J
	R174[illegible]	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R177[illegible]	NRSA63J-821X	MG R	820Ω 1/16W J
	R177[illegible]	NRSA63J-821X	MG R	820Ω 1/16W J
	R17[illegible]	NRSA63J-221X	MG R	220Ω 1/16W J
	R17[illegible]	NRSA63J-221X	MG R	220Ω 1/16W J
	R17[illegible]	NRSA63J-221X	MG R	220Ω 1/16W J
	R17[illegible]	NRSA63J-221X	MG R	220Ω 1/16W J
	R17[illegible]	NRSA63J-221X	MG R	220Ω 1/16W J
	R179[illegible]	NRSA63J-103X	MG R	10kΩ 1/16W J
	R17[illegible]	NRSA63J-153X	MG R	15kΩ 1/16W J
	R18[illegible]	NRSA63J-750X	MG R	75Ω 1/16W J
	R18[illegible]	QRE121J-271Y	C R	270Ω 1/2W J
	R18[illegible]	NRSA63J-680X	MG R	68Ω 1/16W J
	R18[illegible]	QRG01GJ-560	OM R	56Ω 1W J
	R18[illegible]	NRSA63J-221X	MG R	220Ω 1/16W J
	R18[illegible]	QRE121J-181Y	C R	180Ω 1/2W J
	R18[illegible]	NRSA63J-681X	MG R	680Ω 1/16W J
	R18[illegible]	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R19[illegible]	QRF074K-4R7	UNF R	4.7Ω 7W K
	R19[illegible]	QRL029J-104	OM R	100kΩ 2W J
	R19[illegible]	QRL039J-151	OM R	150Ω 3W J
	R19[illegible]	QRL029J-104	OM R	100kΩ 2W J
	R19[illegible]	QRE121J-2R2Y	C R	2.2Ω 1/2W J
	R19[illegible]	QRE121J-221Y	C R	220Ω 1/2W J
	R19[illegible]	QRM084J-R22	MP R	0.22Ω 3W J
	R19[illegible]	QRL039J-683	OM R	68kΩ 3W J
	R19[illegible]	QRE121J-4R7Y	C R	4.7Ω 1/2W J
	R19[illegible]	NRSA63J-683X	MG R	68kΩ 1/16W J
	R19[illegible]	QRE121J-562Y	C R	5.6kΩ 1/2W J
	R1974	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R1975	QRT029J-8R2	MF R	8.2Ω 2W J
	R1977	QRE121J-122Y	C R	1.2kΩ 1/2W J
	R1978	NRSA63J-473X	MG R	47kΩ 1/16W J
	R1979	QRL039J-220	OM R	22Ω 3W J
	R1980	QRL029J-152	OM R	1.5kΩ 2W J
⚠	R19[illegible]	QRZ9046-825Z	C R	8.2MΩ 1/2W K

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description
	C100[illegible]	QETN1HM-106Z	E CAP.	10µF 50V M
	C1002	NCB31HK-103X	C CAP.	0.01µF 50V K
	C100[illegible]	QETN1CM-477Z	E CAP.	470µF 16V M
	C100[illegible]	QFV71HJ-104Z	MF CAP.	0.1µF 50V J
	C100[illegible]	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C110[illegible]	QETN1EM-476Z	E CAP.	47µF 25V M
	C110[illegible]	NCB31HK-472X	C CAP.	4700pF 50V K
	C110[illegible]	NCB31HK-472X	C CAP.	4700pF 50V K
	C110[illegible]	NCB31HK-472X	C CAP.	4700pF 50V K
	C110[illegible]	NCB31HK-472X	C CAP.	4700pF 50V K
	C11[illegible]	NCB31HK-472X	C CAP.	4700pF 50V K
	C11[illegible]	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	C11[illegible]	QETN1EM-476Z	E CAP.	47µF 25V M
	C11[illegible]	NCB31HK-472X	C CAP.	4700pF 50V K
	C11[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	C11[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	C11[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	C11[illegible]	QFV71HJ-224Z	MF CAP.	0.22µF 50V J
	C11[illegible]	QETN1HM-474Z	E CAP.	0.47µF 50V M
	C11[illegible]	NDC31HJ-121X	C CAP.	120pF 50V J
	C11[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	C14[illegible]	QFN32AJ-272Z	M CAP.	2700pF 100V J
	C11[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	C11[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	C11[illegible]	NCB31HK-152X	C CAP.	1500pF 50V K
	C11[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K
	C11[illegible]	NCB31HK-103X	C CAP.	0.01µF 50V K

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description
	C1166	NCB31HK-104X	C CAP.	0.1µF 50V K
	C1301	NCB31HK-123X	C CAP.	0.012µF 50V K
	C1302	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C1303	NDC31HJ-100X	C CAP.	10pF 50V J
	C1304	QFV71HJ-474Z	MF CAP.	0.47µF 50V J
	C1305	QETN1HM-474Z	E CAP.	0.47µF 50V M
	C1306	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1307	QETN1CM-477Z	E CAP.	470µF 16V M
	C1308	QETN1CM-107Z	E CAP.	100µF 16V M
	C1309	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1310	NDC31HJ-221X	C CAP.	220pF 50V J
	C1311	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1312	QENC1HM-474Z	E CAP.	0.47µF 50V M
	C1313	QETN1HM-335Z	E CAP.	3.3µF 50V M
	C1314	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1315	QETN1CM-107Z	E CAP.	100µF 16V M
	C1316	QETN1HM-106Z	E CAP.	10µF 50V M
	C1317	NCB31EK-473X	C CAP.	0.047µF 25V K
	C1321	NDC31HJ-120X	C CAP.	12pF 50V J
	C1322	NCB31EK-273X	C CAP.	0.027µF 25V K
	C1323	QETN1HM-474Z	E CAP.	0.47µF 50V M
	C1324	QETN1HM-106Z	E CAP.	10µF 50V M
	C1325	QENC1HM-106Z	BP E CAP.	10µF 50V M
	C1326	NCS21HJ-221X	C CAP.	220pF 50V J
	C1341	QETN1HM-106Z	E CAP.	10µF 50V M
	C1352	QFZ0097-103	MM CAP.	0.01µF 1250V K
	C1354	NDC31HJ-271X	C CAP.	270pF 50V J
	C1355	NDC31HJ-221X	C CAP.	220pF 50V J
	C1356	NDC31HJ-331X	C CAP.	330pF 50V J
	C1357	QETN1AM-477Z	E CAP.	470µF 10V M
	C1365	QENC1HM-105Z	E CAP.	1µF 50V M
	C1366	QENC1HM-105Z	E CAP.	1µF 50V M
	C1367	QENC1HM-105Z	E CAP.	1µF 50V M
	C1401	QFV71HJ-474Z	MF CAP.	0.47µF 50V J
	C1423	QCS32HJ-180Z	C CAP.	18pF 500V J
	C1424	QFLC2AJ-103Z	M CAP.	0.01µF 100V J
	C1426	QCB32HK-331Z	C CAP.	330pF 500V K
	C1427	QETN1VM-107Z	E CAP.	100µF 35V M
	C1428	QETN1VM-107Z	E CAP.	100µF 35V M
	C1429	QETN1HM-106Z	E CAP.	10µF 50V M
	C1430	QFN32AJ-472Z	M CAP.	4700pF 100V J
	C1433	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C1435	QETN1EM-228	E CAP.	2200µF 25V M
	C1436	QFV71HJ-334Z	MF CAP.	0.33µF 50V J
	C1437	NCB31HK-104X	C CAP.	0.1µF 50V K
	C1501	QETN1AM-477Z	E CAP.	470µF 10V M
	C1502	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1503	QETN1HM-106Z	E CAP.	10µF 50V M
	C1523	QETN1EM-476Z	E CAP.	47µF 25V M
⚠	C1525	QFZ0200-682	MPP CAP	6800pF 1.5kVH±3%
	C1526	QFLC1HJ-103Z	M CAP.	0.01µF 50V J
⚠	C1527	QFZ0199-564	MPP CAP.	0.56µF 250V J
	C1529	QFN32AJ-102Z	M CAP.	1000pF 100V J
	C1531	QEZ0203-107	E CAP.	100µF 160V M
	C1552	QETN1VM-108	E CAP.	1000µF 35V M
	C1554	QETN2EM-475Z	E CAP.	4.7µF 250V M
	C1555	QFN32AJ-682Z	M CAP.	6800pF 100V J
	C1557	QETN1HM-107Z	E CAP.	100µF 50V M
	C1571	QETN1AM-107Z	E CAP.	100µF 10V M
	C1572	QETN1EM-476Z	E CAP.	47µF 25V M
	C1581	QFV71HJ-104Z	MF CAP.	0.1µF 50V J
	C1652	NCB31HK-473X	C CAP.	0.047µF 50V K
	C1653	QETN1HM-106Z	E CAP.	10µF 50V M
	C1654	QETN1CM-477Z	E CAP.	470µF 16V M
	C1655	QETN1HM-106Z	E CAP.	10µF 50V M
	C1656	QENC1HM-105Z	E CAP.	1µF 50V M
	C1657	QETN1EM-107Z	E CAP.	100µF 25V M
	C1658	QETN1EM-227Z	E CAP.	220µF 25V M
	C1659	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C1663	NCB31HK-102X	C CAP.	1000pF 50V K
	C1664	QETN1CM-107Z	E CAP.	100µF 16V M
	C1665	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1701	QETN1HM-106Z	E CAP.	10µF 50V M
	C1705	QETN1CM-477Z	E CAP.	470µF 16V M
	C1706	NCB31HK-104X	C CAP.	0.1µF 50V K
	C1707	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1708	QETN1AM-108Z	E CAP.	1000µF 10V M
	C1709	NCB31HK-103X	C CAP.	0.01µF 50V K
	C1710	QETN1CM-107Z	E CAP.	100µF 16V M

[AV-14FMG3 / AV14FMG3B / AV-14FMG3/-A]

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description
	C1701	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1702	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1703	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1705	NDC31HJ-181X	C CAP.	180pF 50V J
	C1707	NDC31HJ-181X	C CAP.	180pF 50V J
	C1718	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1719	QETN1HM-105Z	E CAP.	1μF 50V M
	C1720	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1721	NCB31EK-333X	C CAP.	0.033μF 25V K
	C1722	NDC31HJ-101X	C CAP.	100pF 50V J
	C1724	NDC31HJ-151X	C CAP.	150pF 50V J
	C1728	NDC31HJ-181X	C CAP.	180pF 50V J
	C1725	NDC31HJ-181X	C CAP.	180pF 50V J
	C1730	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1744	NCB31HK-103X	C CAP.	0.01μF 50V K
	C1805	QETN1CM-227Z	E CAP.	220μF 16V M
	C1806	QETN1CM-477Z	E CAP.	470μF 16V M
	C1811	QETN1HM-106Z	E CAP.	10μF 50V M
	C1841	NCB31HK-152X	C CAP.	1500pF 50V K
⚠	C1901	QFZ9078-224	MPF CAP.	0.22μFAC275V M
⚠	C1904	QCZ9015-102	C CAP.	1000pFAC250V Z
⚠	C1905	QCZ9015-102	C CAP.	1000pFAC250V Z
⚠	C1907	QCZ9015-102	C CAP.	1000pFAC250V Z
⚠	C1909	QEZ0552-127	E CAP.	or QEZ0199-127 120μF 400V M
⚠	C1910	QFZ9078-473	MPF CAP.	0.047μFAC275V M
	C1922	QFLC1HJ-104Z	M CAP.	0.1μF 50V J
	C1924	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C1925	QETN1VM-476Z	E CAP.	47μF 35V M
	C1926	QFLC1HJ-332Z	M CAP.	3300pF 50V J
⚠	C1928	QFKA2JK-103	MM CAP.	0.01μF 630V K
⚠	C1931	QCZ0B64-681	C CAP.	680pF 2kV K
	C1932	NDC31HJ-681X	C CAP.	680pF 50V J
	C1941	QCZ0B64-561	C CAP.	560pF 2kV K
	C1942	QEZ0203-107	E CAP.	100μF 160V M
	C1944	QCB32HK-222Z	C CAP.	2200pF 500V K
	C1944	QCB32HK-222Z	C CAP.	2200pF 500V K
	C1945	QEHR1EM-108Z	E CAP.	1000μF 25V M
	C1945	QEHR1EM-108Z	E CAP.	1000μF 25V M
	C1946	QETN1EM-108Z	E CAP.	1000μF 25V M
	C1946	QETN1EM-477Z	E CAP.	470μF 25V M
	C1947	QCB32HK-222Z	C CAP.	2200pF 500V K
	C1947	QCB32HK-222Z	C CAP.	2200pF 500V K
	C1948	QETN1EM-108Z	E CAP.	1000μF 25V M
	C1948	QETN1EM-108Z	E CAP.	1000μF 25V M
	C1949	NDC31HJ-471X	C CAP.	470pF 50V J
	C1949	NDC31HJ-471X	C CAP.	470pF 50V J
	C1951	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C1976	QETN1EM-227Z	E CAP.	220μF 25V M
	C1977	QETN1CM-227Z	E CAP.	220μF 16V M
	C1978	QETN1EM-227Z	E CAP.	220μF 25V M
	C1979	QETN1AM-227Z	E CAP.	220μF 10V M
⚠	C1991	QCZ9079-102	C CAP.	1000pFAC250V M
⚠	C1992	QCZ9079-102	C CAP.	1000pFAC250V M
⚠	C1993	QCZ9079-152	C CAP.	1500pFAC250V M

TRANSFORMER

⚠	Symbol No.	Part No.	Part Name	Description
	T1501	CE40203-00CJ1	DRIVE TRANSF.	
⚠	T1522	QQH0132-001	F.B.TRANSF.	
⚠	T1921	QQS0161-001	SW TRANSF.	

COIL

⚠	Symbol No.	Part No.	Part Name	Description
	L1001	QQL244K-8R2Z	COIL	8.2μH K
	L1101	QQL244J-2R2Z	COIL	2.2μH J
	L1103	QQL244K-8R2Z	COIL	8.2μH K
	L1551	QQL2034-320	INDUCTOR	
	L1701	QQL244J-5R6Z	COIL	5.6μH J
	L1941	QQL26AK-820Z	COIL	82μH K
	L1942	QQL244J-4R7Z	INDUCTOR	
	L1943	QQL244J-4R7Z	INDUCTOR	

DIODE

⚠	Symbol No.	Part No.	Part Name	Description
	D1001	MTZJ33A-T2	ZENER DIODE	
	D1102	MA859-T2	SI.DIODE	
	D1301	MTZJ9.1B-T2	ZENER DIODE	
	D1302	MTZJ9.1B-T2	ZENER DIODE	
	D1305	AK04-T2	SB DIODE	
	D1306	QRE121J-121Y	C R	120Ω 1/2W J
	D1341	MA111-X	SI.DIODE	
	D1421	MTZJ75-T2	ZENER DIODE	
	D1423	1SR124-400A-T2	SI.DIODE	
	D1425	MA111-X	SI.DIODE	
	D1427	MTZJ27B-T2	ZENER DIODE	
	D1501	MTZJ6.8C-T2	ZENER DIODE	
	D1551	RGP10J-5025-T3	SI.DIODE	
	D1552	RGP10J-5025-T3	SI.DIODE	
	D1553	MTZJ9.1B-T2	ZENER DIODE	
	D1554	MA111-X	SI.DIODE	
	D1557	1SR124-400A-T2	SI.DIODE	
	D1571	MTZJ7.5S-T2	ZENER DIODE	
	D1581	MTZJ20B-T2	ZENER DIODE	
	D1582	RGP10J-5025-T3	SI.DIODE	
	D1651	MA111-X	SI.DIODE	
	D1652	MTZJ12C-T2	ZENER DIODE	
	D1653	MA111-X	SI.DIODE	
	D1654	MTZJ12C-T2	ZENER DIODE	
	D1655	MA111-X	SI.DIODE	
	D1656	MA111-X	SI.DIODE	
	D1657	MA111-X	SI.DIODE	
	D1701	MA111-X	SI.DIODE	
	D1704	SLR-342VR-T15	LED	
	D1705	SLR-342DU-T15	LED	
	D1707	MA111-X	SI.DIODE	
	D1731	MA111-X	SI.DIODE	
	D1801	MA111-X	SI.DIODE	
⚠	D1901	G2SBA60	BRIDGE DIODE	
	D1921	RGP10J-5025-T3	SI.DIODE	
	D1925	RGP10J-5025-T3	SI.DIODE	
	D1927	MTZJ36A-T2	ZENER DIODE	
	D1928	MTZJ3.3A-T2	ZENER DIODE	
	D1929	MTZJ3.3A-T2	ZENER DIODE	
	D1930	RGP10M-5010-T3	SI.DIODE	
	D1931	MA111-X	SI.DIODE	
	D1933	MTZJ16C-T2	ZENER DIODE	
	D1941	RU3AM-LFC4	SI.DIODE	
	D1942	RU3YX-LFC4	SI.DIODE	
	D1943	RGP10J-5025-T3	SI.DIODE	
	D1982	MA111-X	SI.DIODE	
	D1983	MA111-X	SI.DIODE	

TRANSISTOR

⚠	Symbol No.	Part No.	Part Name	Description
	Q1102	2SC5083/L-P/-T	SI.TRANSISTOR	
	Q1103	UN2212-X	DIGI.TRANSISTOR	
	Q1161	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1301	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1302	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1351	STC344-T	SI.TRANSISTOR	
	Q1352	STC344-T	SI.TRANSISTOR	
	Q1353	STC344-T	SI.TRANSISTOR	
	Q1401	DTC124ESA-T	DIGI.TRANSISTOR	
	Q1402	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1521	2SC2655/Y/-T	SI.TRANSISTOR	
⚠	Q1522	2SD2658LS-YB11	POWER TRANSISTOR	H.OUT
	Q1571	2SA1208/ST/Z1-T	SI.TRANSISTOR	
	Q1572	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1651	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1652	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1653	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1702	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1703	UN2212-X	DIGI.TRANSISTOR	
	Q1708	UN2212-X	DIGI.TRANSISTOR	
	Q1709	2SB709A/QR/-X	SI.TRANSISTOR	
	Q1803	2SC1815/YG/-T	SI.TRANSISTOR	
	Q1804	2SD601A/QR/-X	SI.TRANSISTOR	
	Q1974	2SA966/OY/-T	SI.TRANSISTOR	
	Q1975	UN2212-X	DIGI.TRANSISTOR	

[AV-14FMG3 / AV14FMG3B / AV-14FMG3/-A]

IC

⚠	Symbol No.	Part No.	Part Name	Description
	IC1001	NN5198K	I C	
	IC1401	AN5522	I C	
	IC1501	AN5265	I C	
⚠	IC1701	MN1873287JJ1	I C(MCU)	
	IC1702	AT24C08-21DMG3	I C	(SERVICE)
	IC1703	L78LR05E-MA	I C	
	IC1704	PIC-47143SY	IR DETECT UNIT	
⚠	IC1901	STR-W5753A/F5	I C	
	IC1971	BA17809T	I C	
	IC1972	BA17805T	I C	

OTHERS

⚠	Symbol No.	Part No.	Part Name	Description
		LC30114-001C-H	LED HOLDER	
		CM35921-005-H	CDS HOLDER	
	CF1151	QAX0542-001Z	C FILTER	
⚠	CP1981	ICP-N25-Y	I.C.PROTECT	
⚠	CP1982	ICP-N75-Y	I.C.PROTECT	
⚠	F1901	QMF51E2-3R15J4	FUSE	3.15A
	FC1901	CEM0002-001Z	FUSE CLIP	
	FR1557	QRJ146J-2R2X	C R	2.2Ω 1/4W J
	J1002	QNN0384-001	PIN JACK	
	J1003	QNN0281-003	PIN JACK	or CEMN065-001
	J1004	QNN0281-002	PIN JACK	or CEMN065-002
⚠	J1005	QNS0197-001	3.5 JACK	
	K1351	QQR0621-002Z	FERRITE BEADS	
	K1421	QQR1113-001Z	FERRITE BEADS	
	K1941	QQR1113-001Z	FERRITE BEADS	
	K1942	QQR1113-001Z	FERRITE BEADS	
	K1943	QQR1113-001Z	FERRITE BEADS	
⚠	LF1901	QQR0673-002	LINE FILTER	
	PC1701	P1241-04	PHOTO CONDUCTOR	
	S1701	QSW0619-003Z	TACT SWITCH	VOL+
	S1702	QSW0619-003Z	TACT SWITCH	VOL-
	S1703	QSW0619-003Z	TACT SWITCH	CH+
	S1704	QSW0619-003Z	TACT SWITCH	CH-
	S1705	QSW0619-003Z	TACT SWITCH	MENU
⚠	S1901	QSW0750-001	PUSH SWITCH	POWER SW
	SF1102	QAX0731-001	SAW FILTER	
	SF1122	QAX0825-001	SAW FILTER	
⚠	SK1351	CE42554-001	C R T SOCKET	or QNZ0536-001
⚠	TH1901	QAD0121-9R0	THERMISTOR	
⚠	TU1001	QAU0287-001	TUNER	
⚠	VA1901	ERZV10V621CS	VARISTOR	or QAF0052-621
⚠	X1301	QAX0705-001Z	CRYSTAL	
	X1302	CE41651-001Z	X-TAL	
	X1701	QAX0807-001	C RESONATOR	

REMOTE CONTROL UNIT PARTS LIST

AV-14FMT3 / AV-1435TEE : RM-C90-1H

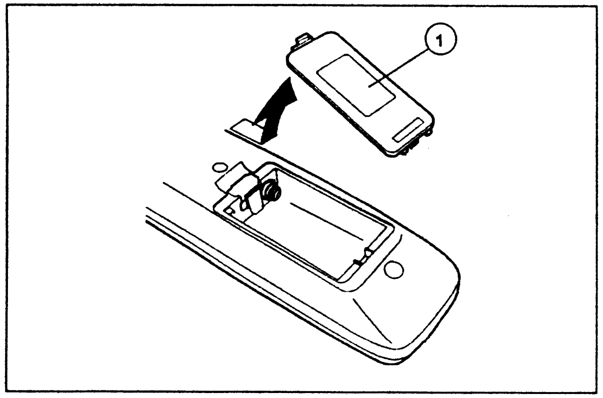
⚠ Ref.No.	Part No.	Part Name.	Description
1	25-1168F	ATTERY COVER	

AV-14F3 / AV-1435 / AV-1435EE / AV-1438 / AV-14FMG3 / AV-14FMG3/-A : RM-C364GY-1H

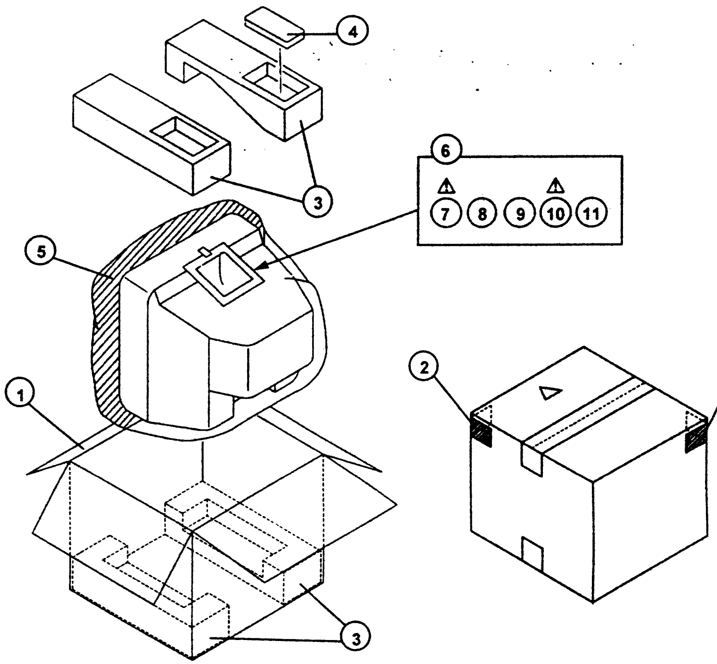
⚠ Ref.No.	Part No.	Part Name.	Description
1	25-1168F	ATTERY COVER	

AV-14FMG3B : RM-C364-1H

⚠ Ref.No.	Part No.	Part Name.	Description
1	25-1168F	ATTERY COVER	



PACKING



PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description
	1	GG10056-066A-H	PACKING CASE	[AV-14F3]
	1	GG10056-066A-H	PACKING CASE	[AV-1435]
	1	GG10056-066A-H	PACKING CASE	[AV-1435EE]
	1	GG10056-079A-H	PACKING CASE	[AV-1435TEE]
	1	GG10056-079A-H	PACKING CASE	[AV-14FMT3]
	1	GG10056-066A-H	PACKING CASE	[AV-1438]
	1	GG10056-066A-H	PACKING CASE	[AV-14FMG3]
	1	GG10056-066A-H	PACKING CASE	[AV-14FMG3B]
	1	GG10056-066A-H	PACKING CASE	[AV-14FMG3/-A]
	2	GG20025-001A-H	CORNER LABEL	(X2)
	3	LC10833-002B-H	CUSHION ASSY	4 pcs in 1set
	4	RM-C364GY-1H	REMOCON UNIT	[AV-14F3]
	4	RM-C364GY-1H	REMOCON UNIT	[AV-1435]
	4	RM-C364GY-1H	REMOCON UNIT	[AV-1435EE]
	4	RM-C90-1H	REMOCON UNIT	[AV-1435TEE]
	4	RM-C90-1H	REMOCON UNIT	[AV-14FMT3]
	4	RM-C364GY-1H	REMOCON UNIT	[AV-1438]
	4	RM-C364GY-1H	REMOCON UNIT	[AV-14FMG3]
	4	RM-C364-1H	REMOCON UNIT	[AV-14FMG3B]
	4	RM-C364GY-1H	REMOCON UNIT	[AV-14FMG3/-A]
	5	CP30967-002-H	POLY BAG	
	6	CP30966-001-H	POLY BAG	
⚠	7	LCT1188-001A-H	INST BOOK	[AV-14F3]
⚠	7	LCT1188-001A-H	INST BOOK	[AV-1435]
⚠	7	LCT1195-001A-H	INST BOOK	[AV-1435EE]
⚠	7	LCT1195-001A-H	INST BOOK	[AV-1435TEE]
⚠	7	LCT1174-001A-H	INST BOOK	[AV-14FMT3]
⚠	7	LCT1188-001A-H	INST BOOK	[AV-1438]
⚠	7	LCT1196-001A-H	INST BOOK	[AV-14FMG3]
⚠	7	LCT1196-001A-H	INST BOOK	[AV-14FMG3B]
⚠	7	LCT1196-001A-H	INST BOOK	[AV-14FMG3/-A]
	8	R6PY/2S	BATTERY	(X2)
	9	CM36447-00A-H	ROD ANTENNA	
⚠	10	LCT1189-001A-H	DIGEST MANUAL	[AV-14F3]
⚠	10	LCT1190-001A-H	DIGEST MANUAL	[AV-1435]
⚠	10	LCT1175-001A-H	DIGEST MANUAL	[AV-14FMT3]
⚠	10	LCT1190-001A-H	DIGEST MANUAL	[AV-1438]
⚠	10	LCT1197-001A-H	DIGEST MANUAL	[AV-14FMG3]
⚠	10	LCT1197-001A-H	DIGEST MANUAL	[AV-14FMG3B]
⚠	10	LCT1197-001A-H	DIGEST MANUAL	[AV-14FMG3/-A]
	11	BT-54012-2	WARRANTY CARD	[AV-1435EE]
	11	BT-54012-2	WARRANTY CARD	[AV-1435TEE]

JVC

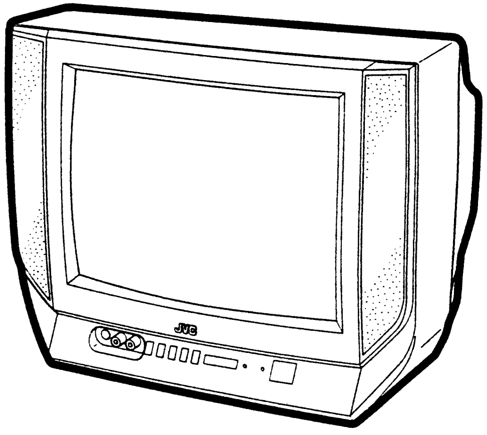
SCHEMATIC DIAGRAMS

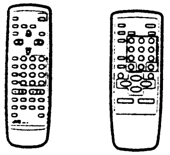
COLOUR TELEVISION

BASIC CHASSIS
CG

AV-14F3 / AV-1435
AV-1435EE / AV-1435TEE
AV-14FMT3 / AV-1438
AV-14FMG3 / AV-14FMG3B
AV-14FMG3/-A

CD-ROM No.SML200207





[RM-C90] [RM-C364GY]
[RM-C364]

CONTENTS

- NOTE ON USING CIRCUIT DIAGRAMS ---------- 2-1
- SEMICONDUCTOR SHAPES ---------- 2-2
- BLOCK DIAGRAM ---------- 2-3
- CIRCUIT DIAGRAMS ---------- 2-7
- PATTERN DIAGRAMS ---------- 2-15

COPYRIGHT © 2002 VICTOR COMPANY OF JAPAN, LTD.

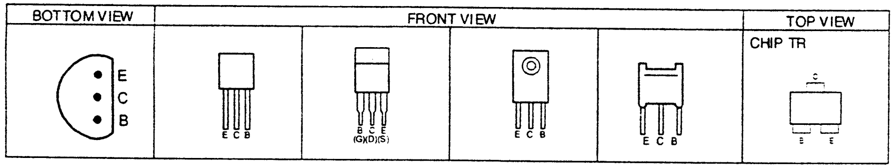
No.5202
Jun. 200

CONTENTS

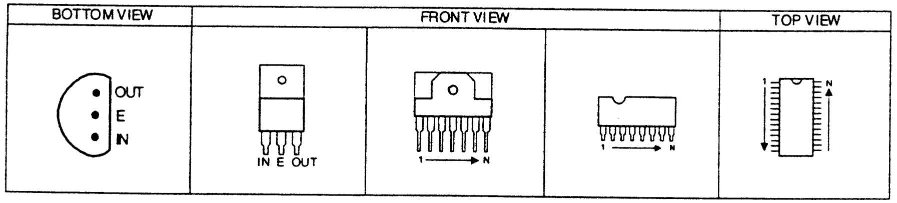
SEMICONDUCTOR SHAPES ---------- 2-2
BLOCK DIAGRAM ---------- 2-3
CIRCUIT DIAGRAMS
MAIN PWB CIRCUIT DIAGRAM ---------- 2-7
PATTERN DIAGRAMS
MAIN PWB PATTERN ---------- 2-15
CRT SOCKET PWB PATTERN ---------- 2-17

SEMICONDUCTOR SHAPES

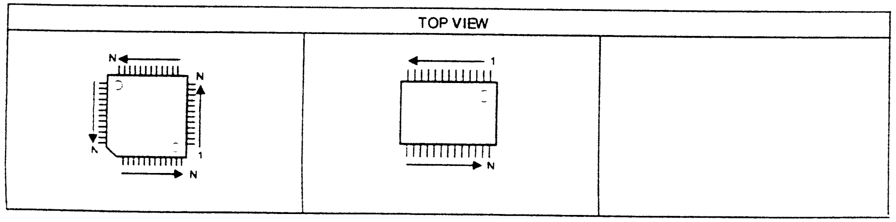
TRANSISTOR



IC



CHIP IC



AV-14F3, AV-1435, AV-1435EE AV-1435TEE, AV-14FMT3, AV-1438 AV-14FMG3, AV-14FMG3B, AV-14FMG3/-A

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the △symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal	: Colour bar signal		
(2)Setting positions of each knob/button and variable resistor	: Original setting position when shipped		
(3)Internal resistance of tester	:DC 20kΩ /V		
(4)Oscilloscope sweeping time	:H	⇒	20μS/div
	:V	⇒	5mS/div
	:Others	⇒	Sweeping time is specified
(5)Voltage values	:All DC voltage values		

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

- In the PW board :R1209 → R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

- Resistance value

No unit	:[Ω]
K	:[K Ω]
M	:[M Ω]

- Rated allowable power

No indication	:1/ 16 [W]
Others	:As specified

- Type

No indication	:Carbon resistor
OMR	:Oxide metal film resistor
MFR	:Metal film resistor
MPR	:Metal plate resistor
UNFR	:Uninflammable resistor
FR	:Fusible resistor

* Composition resistor 1 2 [W] is specified as 1/2S or Comp.

(2)Capacitors

- Capacitance value

1 or higher	:[pF]
less than 1	:[μF]

- Withstand voltage

No indication	:DC50[V]
Others	:DC withstand voltage [V]
AC indicated	AC withstand voltage [V]

* Electrolytic Capacitors
47/50[Example]:Capacitance value [μF]/withstand voltage[V]

- Type

No indication	:Ceramic capacitor
MM	:Metalized mylar capacitor
PP	:Polypropylene capacitor
MPP	:Metalized polypropylene capacitor
MF	:Metalized film capacitor
TF	:Thin film capacitor
BP	:Bipolar electrolytic capacitor
TAN	:Tantalum capacitor

(3)Coils

No unit	:[μH]
Others	:As specified

(4)Power Supply

══════	:B1	▬▬▬▬	:B2 (12V)
■□■□	:9V	□□□□	:5V

* Respective voltage values are indicated

(5)Test point

◉ :Test point ○ :Only test point display

(6)Connecting method

▭ :Connector ○ :Wrapping or soldering

→≻ →≻ :Receptacle

(7)Ground symbol

⊥ :LIVE side ground
⊥ :ISOLATED(NEUTRAL) side ground
⏚ :EARTH ground
▽ :DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND and the ISOLATED(NEUTRAL) : (⊥) side GND.Therefore, care must be taken for the following points.

(1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. If the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

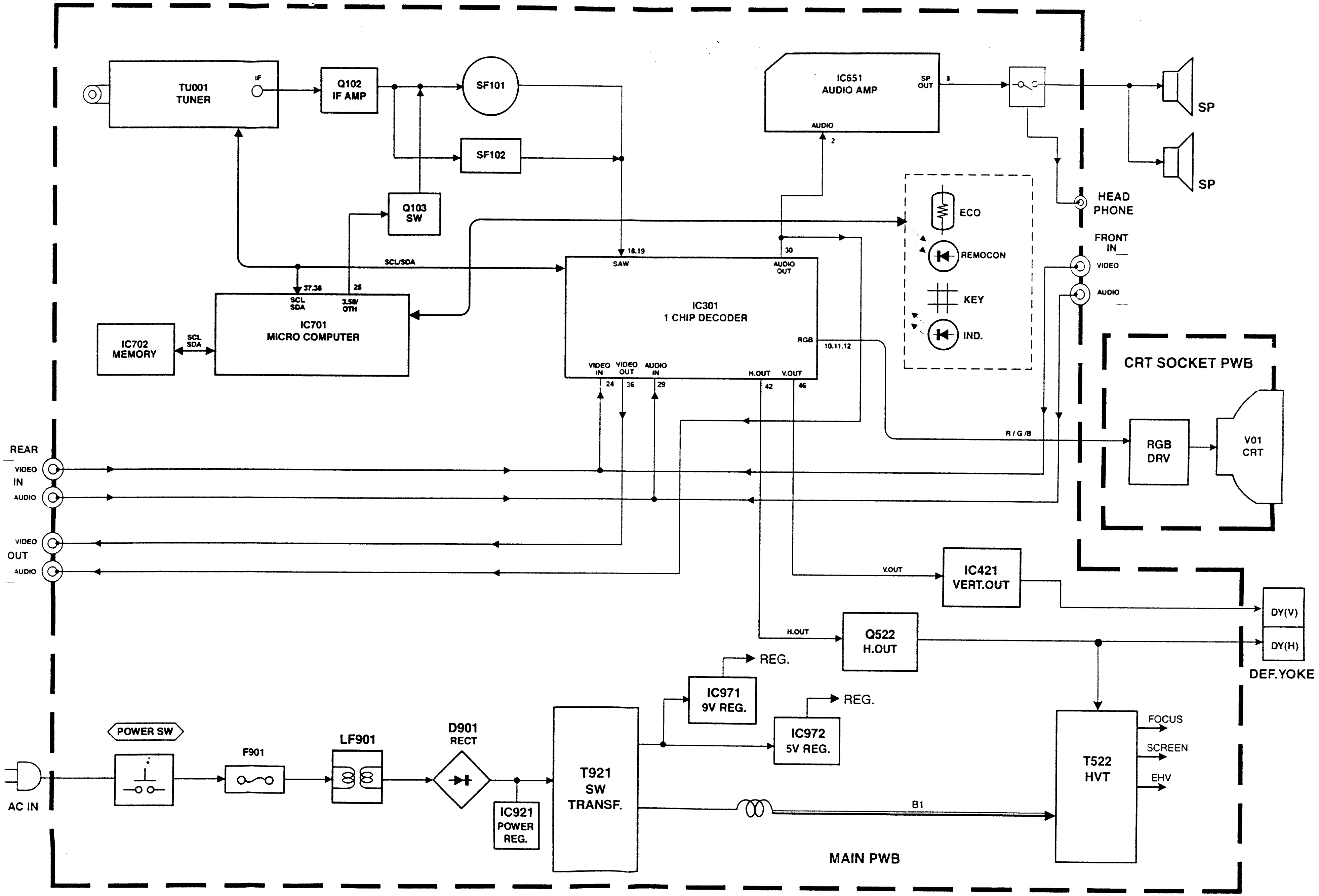
(2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected , a fuse or any parts will be broken

◇ **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

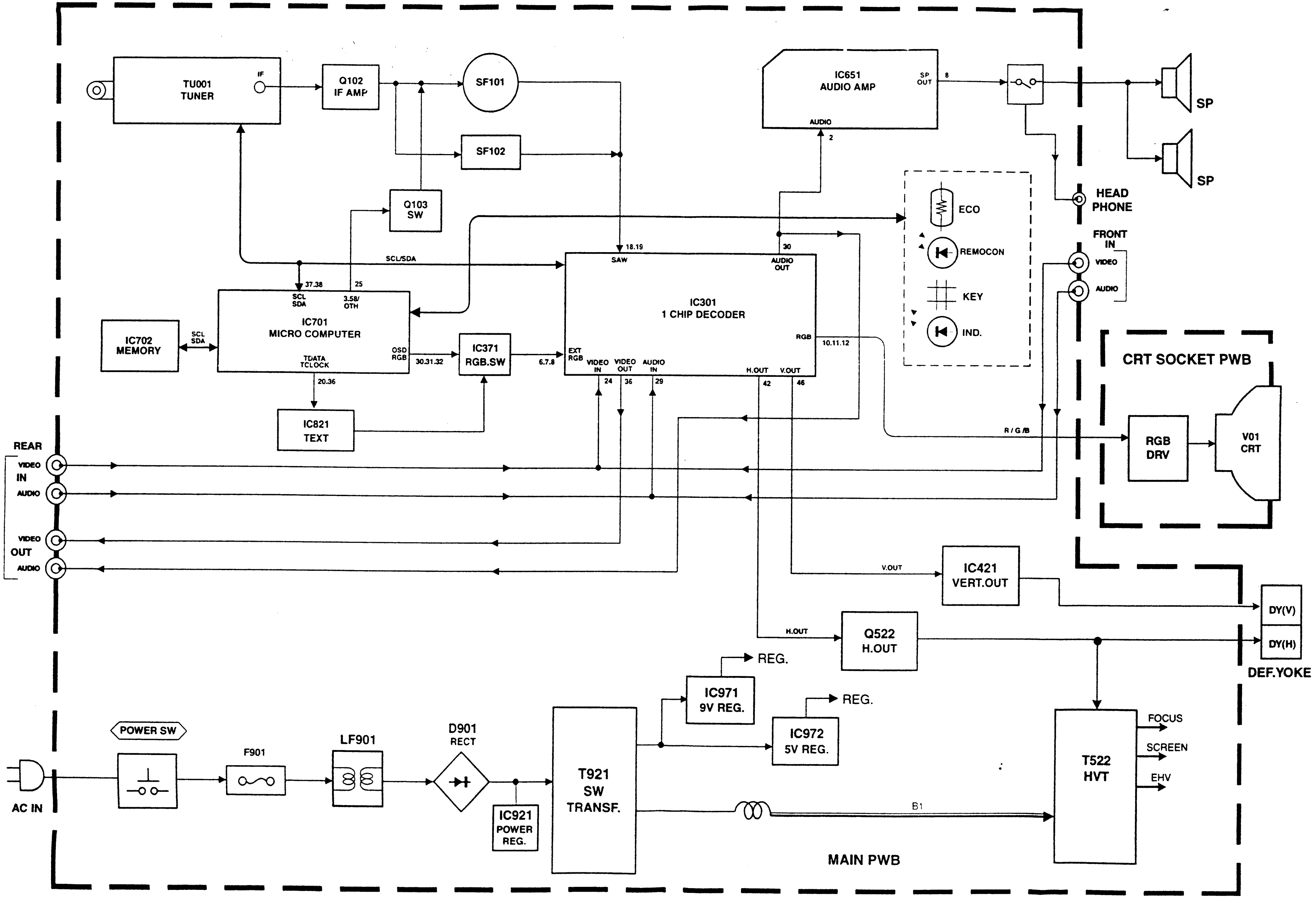
NOTE

◇ **Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list. When ordering parts, please use the numbers that appear in the Parts List.**

BLOCK DIAGRAM [AV-14F3, AV-1435, AV-1435EE, AV-14FMG3, AV-14FMG3/-A, AV-14FMG3B, AV-1438]

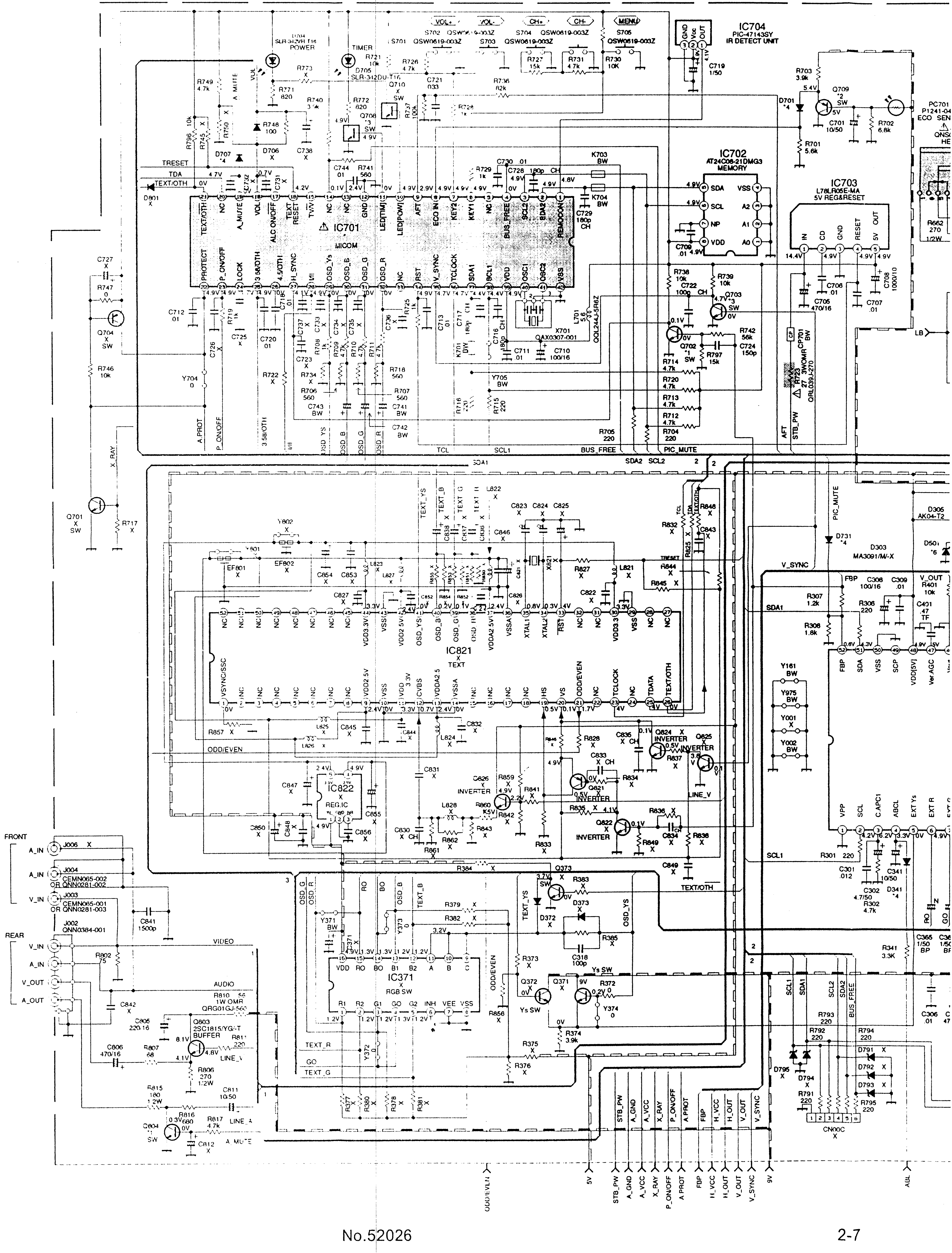

TU001
TUNER
IF
Q102
IF AMP
SF101
SF102
Q103
SW
IC651
AUDIO AMP
SP OUT
8
AUDIO
2
SP
SP
HEAD PHONE
ECO
REMOCON
KEY
IND.
FRONT IN
VIDEO
AUDIO
SCL/SDA
37.38
SCL SDA
25
3.58/ OTH
IC701
MICRO COMPUTER
IC702
MEMORY
SCL SDA
18.19
SAW
30
AUDIO OUT
IC301
1 CHIP DECODER
RGB
10.11.12
VIDEO IN
VIDEO OUT
AUDIO IN
H.OUT
V.OUT
24
36
29
42
46
CRT SOCKET PWB
R / G /B
RGB DRV
V01 CRT
REAR
VIDEO
IN
AUDIO
VIDEO
OUT
AUDIO
V.OUT
IC421
VERT.OUT
DY(V)
DY(H)
DEF.YOKE
H.OUT
Q522
H.OUT
REG.
IC971
9V REG.
REG.
IC972
5V REG.
POWER SW
F901
LF901
D901
RECT
AC IN
IC921
POWER REG.
T921
SW TRANSF.
B1
T522
HVT
FOCUS
SCREEN
EHV
MAIN PWB

BLOCK DIAGRAM [AV-14FMT3, AV-1435TEE]


TU001
TUNER
IF
Q102
IF AMP
SF101
SF102
Q103
SW
IC651
AUDIO AMP
SP OUT
8
AUDIO
2
SP
SP
HEAD PHONE
FRONT IN
VIDEO
AUDIO
ECO
REMOCON
KEY
IND.
SCL/SDA
37.38
25
SCL SDA
3.58/ OTH
IC701
MICRO COMPUTER
IC702
MEMORY
SCL SDA
OSD RGB
TDATA TCLOCK
20.36
30.31.32
IC371
RGB.SW
6.7.8
IC821
TEXT
18.19
SAW
30
AUDIO OUT
IC301
1 CHIP DECODER
RGB
10.11.12
EXT RGB
VIDEO IN
24
VIDEO OUT
36
AUDIO IN
29
H.OUT
42
V.OUT
46
CRT SOCKET PWB
RGB DRV
V01 CRT
R / G /B
REAR
VIDEO
IN
AUDIO
VIDEO
OUT
AUDIO
V.OUT
IC421
VERT.OUT
DY(V)
DY(H)
DEF.YOKE
H.OUT
Q522
H.OUT
REG.
IC971
9V REG.
REG.
IC972
5V REG.
POWER SW
F901
LF901
D901
RECT
IC921
POWER REG.
T921
SW
TRANSF.
B1
T522
HVT
FOCUS
SCREEN
EHV
AC IN
MAIN PWB

CIRCUIT DIAGRAMS *MAIN PWB CIRCUIT DIAGRAMS* (1/2)

[AV-14F3, AV-1438, AV-1435, AV-1435EE, AV-14FMG3, AV-14FMG3/-A, AV-14FMG3B]


IC701
MICOM
IC702
AT24C08-21DMG3
MEMORY
IC703
L78LR05E-MA
5V REG&RESET
IC704
PIC-47143SY
IR DETECT UNIT
IC821
TEXT
IC822
REG.IC
IC371
RGB SW
S701 QSW0619-003Z
S702 QSW0619-003Z
S703 QSW0619-003Z
S704 QSW0619-003Z
S705 QSW0619-003Z
VOL+
VOL-
CH+
CH-
MENU
D704 SLR-342VH-T16 POWER
D705 SLR-342DU-T16 TIMER
X701 QAX0307-001
L701 QQL244J-5R6Z
PC701 P1241-04
ECO SEN
Q701 SW
Q702 SW
Q703 SW
Q704 SW
Q708 SW
Q709 SW
Q710
Q803 2SC1815/YG-T BUFFER
Q804 SW
Q821 INVERTER
Q822 INVERTER
Q824 INVERTER
Q825 INVERTER
Q826 INVERTER
Q371
Q372 Ys SW
Q373 SW
D303 MA3091/M-X
D305 AK04-T2
FRONT
A_IN
V_IN
REAR
V_OUT
A_OUT
J006
J004 CEMN065-002 OR QNN0281-002
J003 CEMN065-001 OR QNN0281-003
J002 QNN0384-001
R810 56 1W OMR QRG01GJ-560
VIDEO
AUDIO
LINE_V
LINE_A
A_MUTE
TRESET
TDA
TEXT/OTH
A_PROT
P_ON/OFF
X_RAY
3.58/OTH
OSD_YS
OSD_B
OSD_G
OSD_R
TCL
SCL1
SDA1
SDA2
SCL2
BUS_FREE
PIC_MUTE
AFT
STB_PW
V_SYNC
ODD/EVEN
TEXT_YS
TEXT_B
TEXT_G
TEXT_R
TEXT_G
CN00C
5V
A_GND
A_VCC
X_RAY
P_ON/OFF
A PROT
FBP
H_VCC
H_OUT
V_OUT
V_SYNC
9V
ABL
LB

MAIN PWB (1/2)

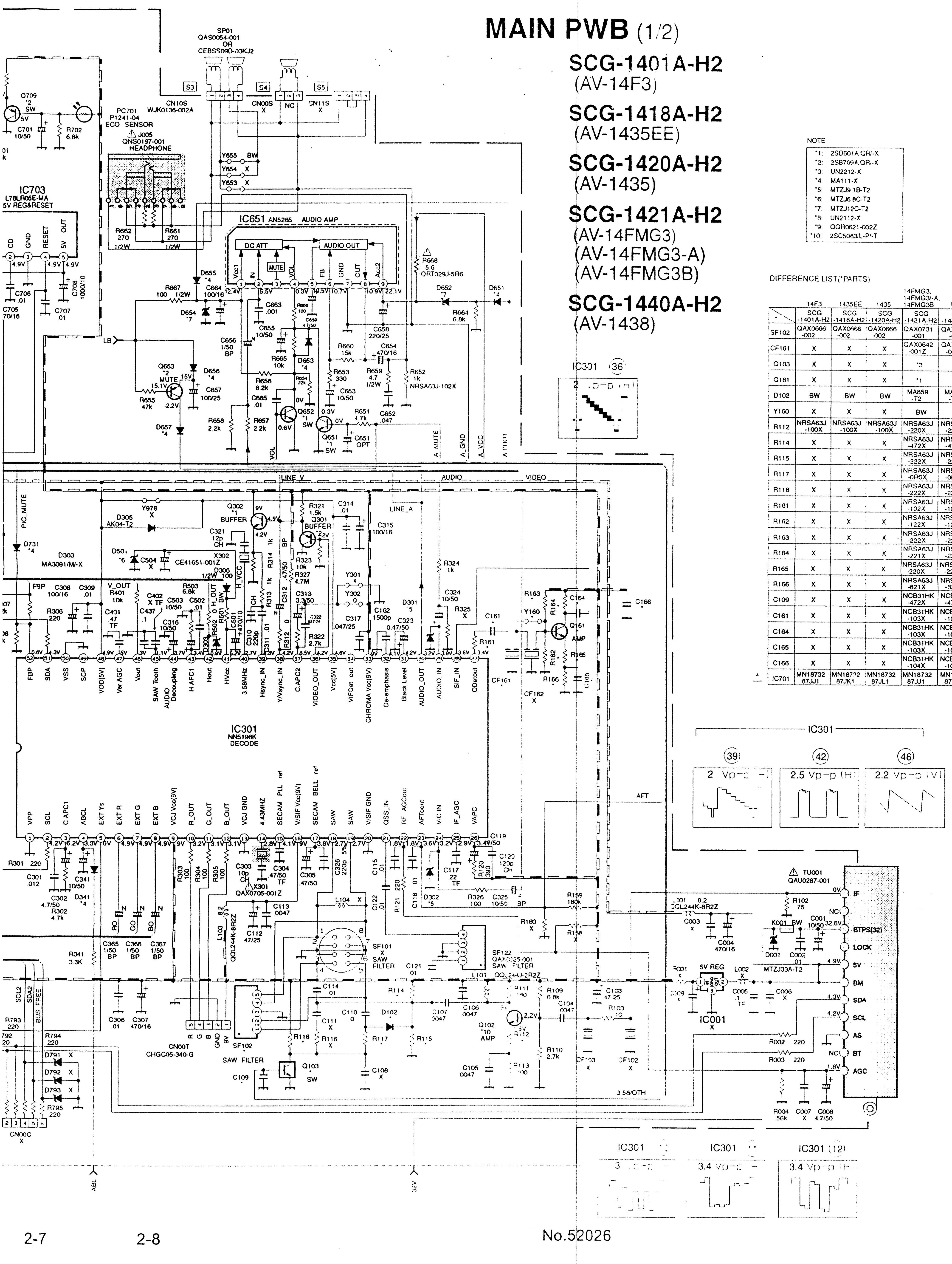
SCG-1401A-H2
(AV-14F3)

SCG-1418A-H2
(AV-1435EE)

SCG-1420A-H2
(AV-1435)

SCG-1421A-H2
(AV-14FMG3)
(AV-14FMG3-A)
(AV-14FMG3B)

SCG-1440A-H2
(AV-1438)


SP01
QAS0054-001
OR
CEBSS090-03KJ2
S3
S4
S5
CN10S
WJK0136-002A
CN00S
X
CN11S
X
NC
Q709
*2
SW
5V
C701
10/50
R702
6.8k
PC701
P1241-04
ECO SENSOR
J005
QNS0197-001
HEADPHONE
Y655 BW
Y654 X
Y653 X
IC703
L78LR05E-MA
5V REG&RESET
CD
GND
RESET
5V
OUT
4.9V
C706
.01
C708
1000/10
C705
C707
.01
R662
270
1/2W
R661
270
1/2W
IC651 AN5265 AUDIO AMP
DC ATT
AUDIO OUT
MUTE
Vcc1
IN
VOL
FB
GND
OUT
Acc2
12.4V
5.5V
0.3V
10.5V
10.7V
10.9V
22.1V
R668
5.6
QRT029J-5R6
D652
*7
D651
*4
R664
6.8k
D655
*4
R667
100 1/2W
C664
100/16
D654
*7
C663
.001
C655
10/50
C656
1/50
BP
R665
10k
D653
*4
C658
220/25
R660
15k
C654
470/16
R653
330
R659
4.7
1/2W
R652
1k
NRSA63J-102X
LB
Q653
*2
MUTE
15.1V
15V
-2.2V
R655
47k
D656
*4
C657
100/25
R656
8.2k
C665
.01
C653
10/50
Q652
*1
SW
Q651
*1
SW
0V
0.3V
0.6V
R651
4.7k
C652
.047
C651
OPT
R658
2.2k
R657
2.2k
D657
*4
VOL
A_MUTE
A_GND
A_VCC
IC301 36
2 Vp-p (H)
LINE_V
AUDIO
VIDEO
LINE_A
PIC_MUTE
D731
*4
D305
AK04-T2
Y976
X
Q302
*1
BUFFER
9V
4.9V
4.2V
R321
1.5k
Q301
BUFFER
C314
.01
C315
100/16
D303
MA3091/M-X
D501
*6
C504
X
CE41651-001Z
C321
12p
CH
X302
D306
1/2W 100
R314 1k
R313 1k
BP
R323
10k
R327
4.7M
C312
47/50
C313
3.3/50
Y301
X
Y302
0
C317
.047/25
C162
1500p
D301
*5
C323
0.47/50
R324
1k
C324
10/50
R325
X
C161
R163
X
R164
X
Y160
X
Q161
AMP
C164
C166
FBP
C308
100/16
C309
.01
V_OUT
R401
10k
C402
X TF
C437
.1
C503
10/50
C502
.01
R503
6.8k
H_OUT
H_VCC
BW
R306
220
C401
.47
TF
C316
10/50
C501
4.7/100
R501
R502
C310
220p
R311
.01
R312
R322
2.7k
R161
R162
R165
R166
C165
CF161
CF162
X
0.6V
4.3V
4.9V
5V
3V
1.1V
3.7V
3.4V
2.7V
4.2V
5V
4.5V
4.2V
4.6V
4.2V
3.2V
3.6V
3.4V
FBP
SDA
VSS
SCP
VDD(5V)
Ver AGC
Vout
SAW Tooth
AUDIO Decoupling
H AFC1
Hout
HVcc
3.58MHz
Hsync_IN
Y/Vsync_IN
C.APC2
VIDEO_OUT
Vcc(5V)
VIFDet out
CHROMA Vcc(9V)
De-emphasis
Black Level
AUDIO_OUT
AUDIO_IN
SIF_IN
QDetout
IC301
NN5198K
DECODE
VPP
SCL
C.APC1
ABCL
EXT Ys
EXT R
EXT G
EXT B
VCJ Vcc(9V)
R_OUT
G_OUT
B_OUT
VCJ GND
4.43MHZ
SECAM PLL ref
V/SIF Vcc(9V)
SECAM BELL ref
SAW
SAW
V/SIF GND
QSS_IN
RF AGCout
AFTout
V/C IN
IF_AGC
VAPC
4.2V
6.2V
3.3V
0V
4.9V
9V
3.2V
3.1V
2.8V
4.1V
3.8V
2.7V
1.8V
1.6V
3.6V
3.2V
2.9V
3.4V
IC301
39
2 Vp-p (H)
42
2.5 Vp-p (H)
46
2.2 Vp-p (V)
AFT
R301 220
C301
.012
C302
4.7/50
R302
4.7K
C341
10/50
D341
*4
C119
4.7/50
C120
1200
R303 100
R304 100
R305 100
C303
10p
X301
QAX0705-001Z
C304
47/50
TF
C305
47/50
C326
220p
C115
.01
R121 220
C118 .01
C122 .01
D302
*5
C117
22
TF
R120
390
R326
100
C325
10/50
BP
RO
GO
BO
8.2
L103
QQL244K-8R2Z
C112
47/25
C113
.0047
L104
X
SF101
X
SAW FILTER
C121
.01
SF122
QAX0325-001
SAW FILTER
R159
180k
R160
X
R158
X
TU001
QAU0287-001
L001 8.2
QQL244K-8R2Z
C003
X
C004
470/16
R102
75
K001
BW
D001
C001
10/50
C002
.01
MTZJ33A-T2
IF
NC
BTPS(32)
LOCK
5V
BM
SDA
SCL
AS
NC
BT
AGC
0V
32.6V
4.9V
4.3V
4.2V
1.8V
R341
3.3K
C365
1/50
BP
C366
1/50
BP
C367
1/50
BP
SCL2
SDA2
BUS_FREE
R793
220
R794
220
D791 X
D792 X
D793 X
R795
220
CN00C
X
C306
.01
C307
470/16
CN00T
CHGC05-340-G
R
G
B
GND
9V
SF102
SAW FILTER
C109
Q103
SW
R118
X
R116
X
C114
.01
C111
X
C110
0
D102
R117
R115
C108
X
R114
C107
.0047
C106
.0047
L101
QQL244K-2R2Z
R111
Q102
*10
AMP
2.2V
R112
C105
.0047
R113
R109
6.8k
C104
.0047
R110
2.7k
C103
47/25
R103
10
CF103
X
CF102
X
3.58/OTH
R001
5V REG
L002
X
C005
1
TF
C006
X
C009
IC001
X
R002 220
R003 220
R004
56k
C007
X
C008
4.7/50
IC301
3
IC301
3.4 Vp-p
IC301 12
3.4 Vp-p (H)
ABL
32V

NOTE

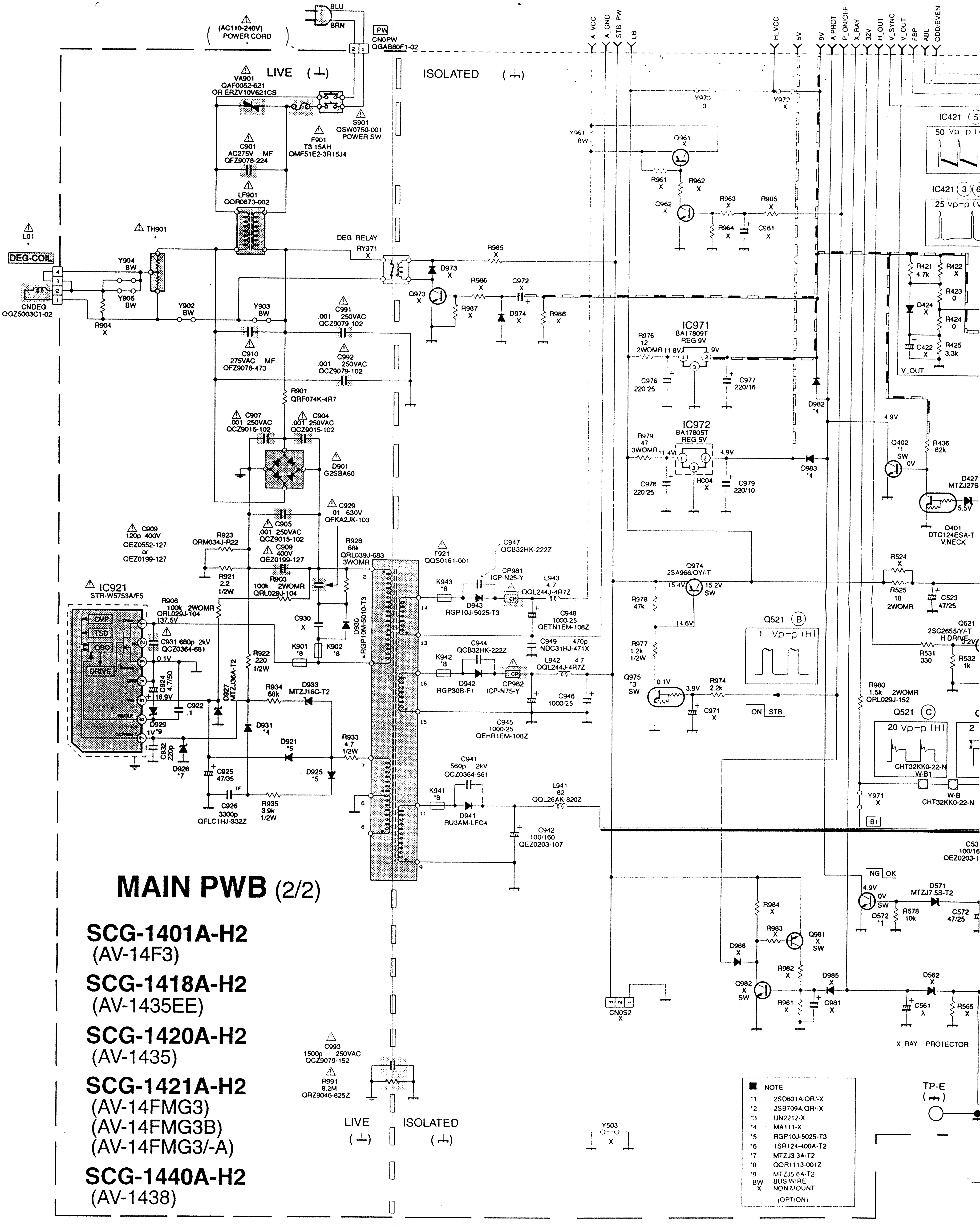
*1: 2SD601A-QR/-X
*2: 2SB709A-QR/-X
*3: UN2212-X
*4: MA111-X
*5: MTZJ9 1B-T2
*6: MTZJ6 8C-T2
*7: MTZJ12C-T2
*8: UN2112-X
*9: QQR0621-002Z
*10: 2SC5083L-P/-T

DIFFERENCE LIST(*PARTS)

	14F3	1435EE	1435	14FMG3, 14FMG3/-A, 14FMG3B	1438
	SCG -1401A-H2	SCG -1418A-H2	SCG -1420A-H2	SCG -1421A-H2	SCG -1440A-H2
SF102	QAX0666 -002	QAX0666 -002	QAX0666 -002	QAX0731 -001	QAX0731 -001
CF161	X	X	X	QAX0642 -001Z	QAX0642 -001Z
Q103	X	X	X	*3	*3
Q161	X	X	X	*1	*1
D102	BW	BW	BW	MA859 -T2	MA859 -T2
Y160	X	X	X	BW	BW
R112	NRSA63J -100X	NRSA63J -100X	NRSA63J -100X	NRSA63J -220X	NRSA63J -220X
R114	X	X	X	NRSA63J -472X	NRSA63J -472X
R115	X	X	X	NRSA63J -222X	NRSA63J -222X
R117	X	X	X	NRSA63J -0R0X	NRSA63J -0R0X
R118	X	X	X	NRSA63J -222X	NRSA63J -222X
R161	X	X	X	NRSA63J -102X	NRSA63J -102X
R162	X	X	X	NRSA63J -122X	NRSA63J -122X
R163	X	X	X	NRSA63J -222X	NRSA63J -222X
R164	X	X	X	NRSA63J -221X	NRSA63J -221X
R165	X	X	X	NRSA63J -220X	NRSA63J -220X
R166	X	X	X	NRSA63J -821X	NRSA63J -821X
C109	X	X	X	NCB31HK -472X	NCB31HK -472X
C161	X	X	X	NCB31HK -103X	NCB31HK -103X
C164	X	X	X	NCB31HK -103X	NCB31HK -103X
C165	X	X	X	NCB31HK -103X	NCB31HK -103X
C166	X	X	X	NCB31HK -104X	NCB31HK -104X
IC701	MN18732 87JJ1	MN18732 87JK1	MN18732 87JL1	MN18732 87JJ1	MN18732 87JL1

MAIN PWB CIRCUIT DIAGRAM (2/2)

[AV-14F3, AV-1438, AV-1435, AV-1435EE, AV-14FMG3, AV-14FMG3/-A, AV-14FMG3B]


(AC110-240V) POWER CORD
BLU
BRN
PW CN0PW QGAB80F1-02
LIVE (⊥)
ISOLATED (⊥)
VA901 QAF0052-621 OR ERZV10V621CS
S901 QSW0750-001 POWER SW
F901 T3.15AH QMF51E2-3R15J4
C901 AC275V MF QFZ9078-224
LF901 QQR0673-002
TH901
L01
DEG-COIL
CNDEG QGZ5003C1-02
Y904 BW
Y905 BW
Y902 BW
Y903 BW
R904 X
DEG RELAY RY971 X
D973 X
Q973 X
R985 X
R986 X
R987 X
C972 X
D974 X
R988 X
C991 .001 250VAC QCZ9079-102
C910 275VAC MF QFZ9078-473
C992 .001 250VAC QCZ9079-102
R901 QRF074K-4R7
C907 .001 250VAC QCZ9015-102
C904 .001 250VAC QCZ9015-102
D901 G2SBA60
C929 .01 630V QFKA2JK-103
C909 120p 400V QEZ0552-127 or QEZ0199-127
R923 QRM034J-R22
C905 .001 250VAC QCZ9015-102
C909 400V QEZ0199-127
R928 68k QRL039J-683 3WOMR
R921 2.2 1/2W
R903 100k 2WOMR QRL029J-104
IC921 STR-W5753A/F5
OVP
TSD
OSC
DRIVE
R906 100k 2WOMR QRL029J-104
137.5V
C931 680p 2kV QCZ0364-681
0.1V
C924 4.7/50
16.9V
C922 .1
D929 1V *9
C932 220p
D928 *7
D927 MTZJ36A-T2
R922 220 1/2W
R934 68k
D933 MTZJ16C-T2
D931 *4
D921 *5
D925 *5
R933 4.7 1/2W
C925 47/35
C926 3300p QFLC1HJ-332Z
R935 3.9k 1/2W
C930 X
K901 *8
K902 *8
D930 RGP10M-5010-T3
T921 QQS0161-001
C947 QCB32HK-222Z
CP981 ICP-N25-Y
K943 *8
D943 RGP10J-5025-T3
L943 4.7 QQL244J-4R7Z
C948 1000/25 QETN1EM-108Z
C949 470p NDC31HJ-471X
C944 QCB32HK-222Z
K942 *8
D942 RGP30B-F1
CP982 ICP-N75-Y
L942 4.7 QQL244J-4R7Z
C946 1000/25
C945 1000/25 QEHR1EM-108Z
C941 560p 2kV QCZ0364-561
K941 *8
D941 RU3AM-LFC4
L941 82 QQL26AK-820Z
C942 100/160 QEZ0203-107
C993 1500p 250VAC QCZ9079-152
R991 8.2M QRZ9046-825Z
A_VCC
A_GND
STB_PW
LB
H_VCC
5V
9V
A PROT
P_ON/OFF
X_RAY
32V
H_OUT
V_SYNC
V_OUT
FBP
ABL
ODD/EVEN
Y973 0
Y972 X
Y961 BW
Q961 X
R961 X
R962 X
Q962 X
R963 X
R965 X
R964 X
C961 X
IC971 BA17809T REG 9V
R976 12 2WOMR
11.8V
9V
C976 220/25
C977 220/16
IC972 BA17805T REG 5V
R979 47 3WOMR
11.4V
4.9V
H004 X
C978 220/25
C979 220/10
D982 *4
D983 *4
IC421 (5)
50 Vp-p (V)
IC421 (3)(6)
25 Vp-p (V)
R421 4.7k
R422 X
R423 0
D424 X
R424 0
C422 X
R425 3.3k
V_OUT
4.9V
Q402 *1 SW
0V
R436 82k
D427 MTZJ27B
5.5V
Q401 DTC124ESA-T V.NECK
R524 X
R525 18 2WOMR
C523 47/25
Q974 2SA966/OY/-T
15.4V
15.2V SW
R978 47k
14.6V
R977 1.2k 1/2W
Q521 (B)
1 Vp-p (H)
Q521 2SC2655/Y/-T H DRIVE
2V
R531 330
R532 1k
Q975 *3 SW
0.1V
3.9V
R974 2.2k
C971 X
ON STB
R980 1.5k 2WOMR QRL029J-152
Q521 (C)
20 Vp-p (H)
CHT32KK0-22-N W-B1
W-B CHT32KK0-22-N
Y971 X
B1
C53 100/16 QEZ0203-1
NG OK
4.9V
0V SW
Q572 *1
D571 MTZJ7.5S-T2
R578 10k
C572 47/25
R984 X
R983 X
Q981 X SW
D986 X
R982 X
D985 X
Q982 X SW
R981 X
C981 X
D562 X
C561 X
R565 X
X_RAY PROTECTOR
CN0S2 X
Y503 X
TP-E

MAIN PWB (2/2)

SCG-1401A-H2
(AV-14F3)

SCG-1418A-H2
(AV-1435EE)

SCG-1420A-H2
(AV-1435)

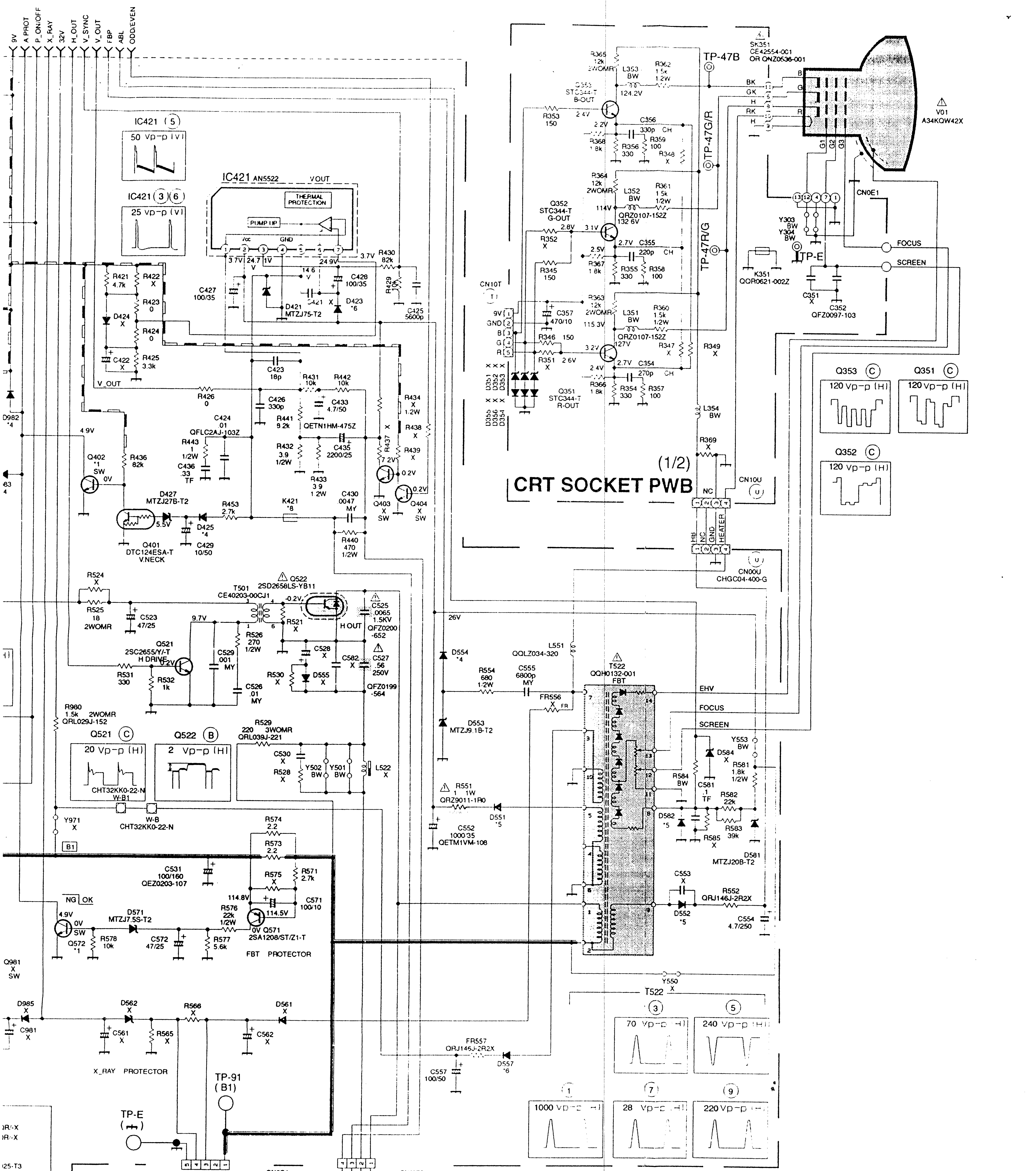
SCG-1421A-H2
(AV-14FMG3)
(AV-14FMG3B)
(AV-14FMG3/-A)

SCG-1440A-H2
(AV-1438)

■ NOTE

*1	2SD601A.QR/-X
*2	2SB709A.QR/-X
*3	UN2212-X
*4	MA111-X
*5	RGP10J-5025-T3
*6	1SR124-400A-T2
*7	MTZJ3.3A-T2
*8	QQR1113-001Z
*9	MTZJ5.6A-T2
BW	BUS WIRE
X	NON MOUNT

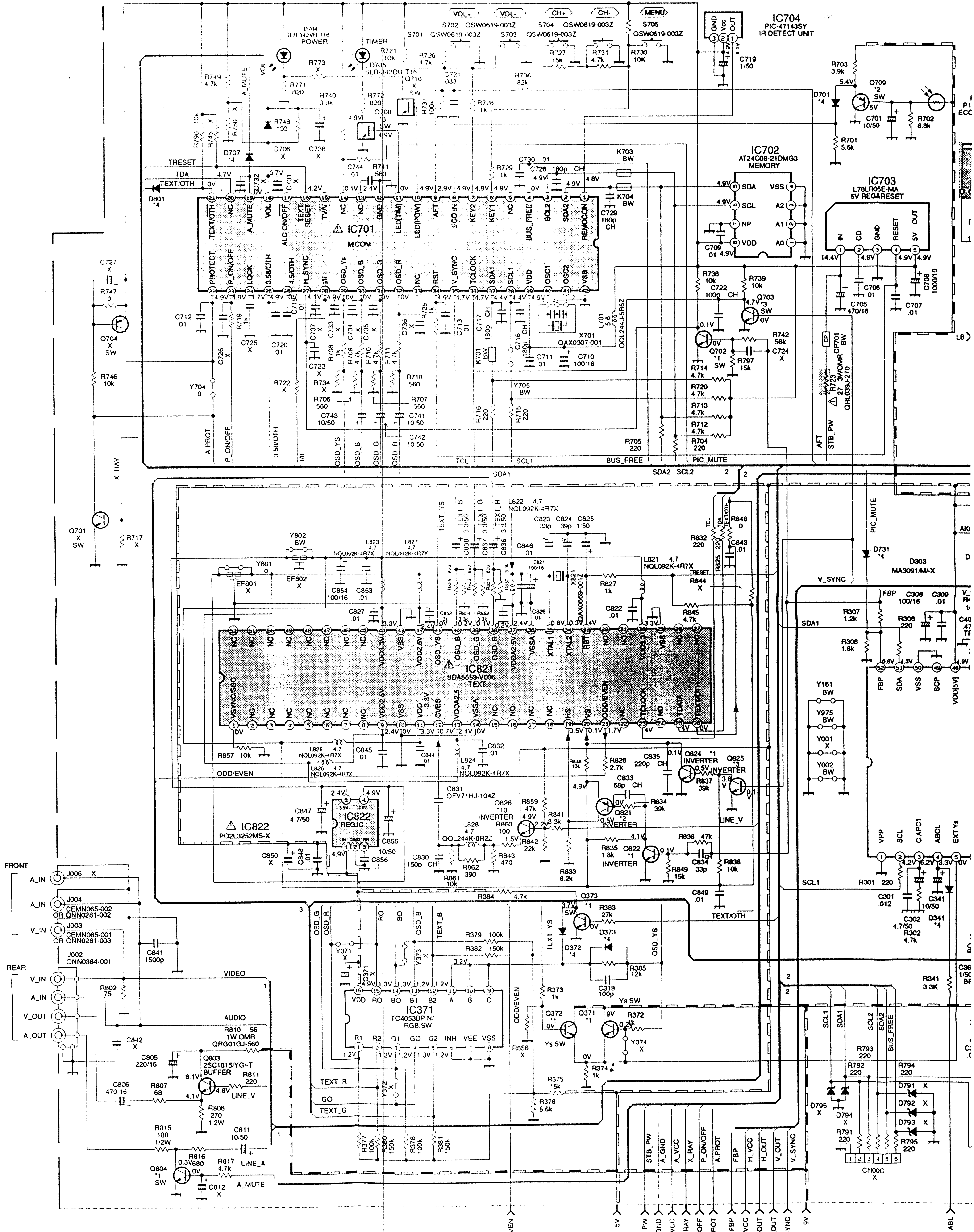
(OPTION)

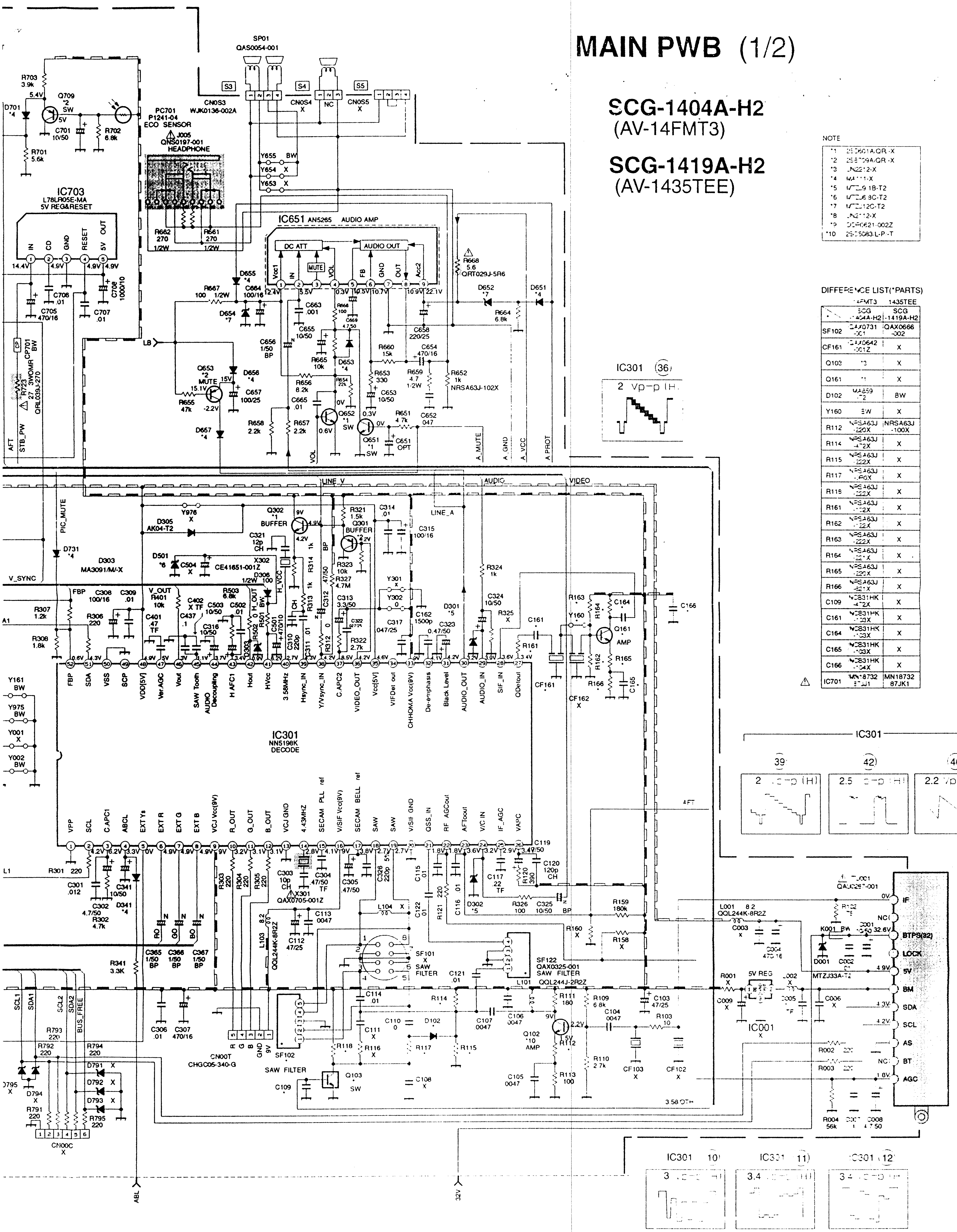

9V
A_PROT
P_ON/OFF
X_RAY
32V
H_OUT
V_SYNC
V_OUT
FBP
ABL
ODD/EVEN
IC421 (5)
50 Vp-p (V)
IC421 (3)(6)
25 Vp-p (V)
IC421 AN5522
VOUT
THERMAL PROTECTION
PUMP UP
Vcc
GND
3.7V
24.7V
1V
14.6V
24.9V
C427 100/35
C428 100/35
D421 MTZJ75-T2
D423 *6
R430 82k
R429
C425 5600p
R421 4.7k
R422 X
R423 0
D424 X
R424 0
C422 X
R425 3.3k
V_OUT
R426 0
C423 18p
R431 10k
R442 10k
C426 330p
C433 4.7/50
R434 X 1.2W
R438 X
C424 .01
QFLC2AJ-103Z
R441 9.2k
QETN1HM-475Z
R443 1 1/2W
R432 3.9 1/2W
C435 2200/25
R437
R439 X
C436 .33 TF
R433 3.9 1.2W
Q402 *1 SW
R436 82k
4.9V
0V
D427 MTZJ27B-T2
R453 2.7k
K421 *8
C430 .0047 MY
Q403 X SW
Q404 X SW
Q401 DTC124ESA-T V.NECK
5.5V
D425 *4
C429 10/50
R440 470 1/2W
D982 *4
R524 X
R525 18 2WOMR
C523 47/25
T501 CE40203-00CJ1
Q522 2SD2658LS-YB11
-0.2V
C525 .0065 1.5KV QFZ0200-652
H OUT
R521 X
9.7V
R526 270 1/2W
Q521 2SC2655/Y/-T H DRIVE
0.2V
R531 330
R532 1k
C529 .001 MY
C526 .01 MY
C528 X
C582 X
C527 .56 250V QFZ0199-564
R530 X
D555 X
R980 1.5k 2WOMR QRL029J-152
Q521 (C)
20 Vp-p (H)
Q522 (B)
2 Vp-p (H)
R529 220 3WOMR QRL039J-221
C530 X
R528 X
Y502 BW
Y501 BW
L522 X
CHT32KK0-22-N
W-B1
W-B
Y971 X
B1
R574 2.2
R573 2.2
C531 100/160 QEZ0203-107
R575 X
R571 2.7k
114.8V
C571 100/10
114.5V
R576 22k 1/2W
NG OK
D571 MTZJ7.5S-T2
Q572 *1 SW
R578 10k
C572 47/25
R577 5.6k
Q571 2SA1208/ST/Z1-T
FBT PROTECTOR
Q981 X SW
D985 X
C981 X
D562 X
R566 X
D561 X
C561 X
R565 X
C562 X
X_RAY PROTECTOR
TP-91 (B1)
TP-E
CN0S1 QGA2501C5-05Z
TP_E
X_RAY2
X_RAY1
NC
TP_B1
S1
FOR TEST
DY01 QQD0052-001
CN0HV QGZ5003C1-04
V.DY
H.DY
R365 12k 2WOMR
L353 BW
R362 1.5k 1.2W
Q353 STC344-T B-OUT
124.2V
TP-47B
R353 150
2.4V
2.2V
C356 330p CH
R368 1.8k
R356 330
R359 100
R348 X
TP-47G/R
R364 12k 2WOMR
L352 BW
R361 1.5k 1/2W
114V
QRZ0107-152Z
132.6V
Q352 STC344-T G-OUT
2.8V
3.1V
R352 X
2.5V
2.7V
C355 220p CH
R345 150
R367 1.8k
R355 330
R358 100
TP-47R/G
CN10T
9V
GND
B
G
R
C357 470/10
R363 12k 2WOMR
L351 BW
R360 1.5k 1/2W
115.3V
QRZ0107-152Z
127V
R346 150
R351 X
2.6V
3.2V
R347 X
R349 X
2.4V
2.7V
C354 270p CH
D351 D352 D353
D355 D356 D354
Q351 STC344-T R-OUT
R366 1.8k
R354 330
R357 100
L354 BW
R369 X
(1/2)
CRT SOCKET PWB
CN10U
NC
HB
NC
GND
HEATER
CN00U CHGC04-400-G
SK351 CE42554-001 OR QNZ0536-001
BK
GK
H
RK
V01 A34KQW42X
G1
G2
G3
CN0E1
Y303 BW
Y304 BW
TP-E
K351 QQR0621-002Z
FOCUS
SCREEN
C351 X
C352 QFZ0097-103
Q353 (C)
120 Vp-p (H)
Q351 (C)
120 Vp-p (H)
Q352 (C)
120 Vp-p (H)
26V
D554 *4
L551 QQLZ034-320
T522 QQH0132-001 FBT
R554 680 1/2W
C555 6800p MY
FR556 X FR
EHV
FOCUS
SCREEN
D553 MTZJ9.1B-T2
Y553 BW
D584 X
R581 1.8k 1/2W
R584 BW
C581 .1 TF
R582 22k
R551 1 1W QRZ9011-1R0
D551 *5
C552 1000/35 QETM1VM-108
D582 *5
R585 X
R583 39k
D581 MTZJ20B-T2
C553 X
R552 QRJ146J-2R2X
D552 *5
C554 4.7/250
Y550 X
T522
FR557 QRJ146J-2R2X
D557 *6
C557 100/50
70 Vp-p (H)
240 Vp-p (H)
1000 Vp-p (H)
28 Vp-p (H)
220 Vp-p (H)

DIFFERENCE LIST (*PARTS)

	AV-14F3	AV-1435EE	AV-1435	AV-14FMG3	AV-14FMG3/-A	AV-14FMG3B	AV-1438
	SCG-1401A-H2	SCG-1418A-H2	SCG-1420A-H2	SCG-1421A-H2	SCG-1421A-H2	SCG-1421A-H2	SCG-1440A-H2
⚠ POWER CORD	QMPR340-165-K2	QMPR340-165-K2	QMPR340-165-K2	QMPR340-165-K2	QMPR380-165-K2	QMPR340-165-K2	QMPR340-165-K2
⚠ L01	QQW0096-001	QQW0096-001	QQW0095-001	QQW0096-001	QQW0096-001	QQW0096-001	QQW0095-001
⚠ TH901	QAD0121-9R0 OR QAD0119-9R0	QAD0121-9R0 OR QAD0119-9R0	CEKP011-001J2	QAD0121-9R0 OR QAD0119-9R0	QAD0121-9R0 OR QAD0119-9R0	QAD0121-9R0 OR QAD0119-9R0	CEKP011-011J2

MAIN PWB CIRCUIT DIAGRAMS (1/2) [AV-14FMT3, AV-1435TEE]


VOL+
VOL-
CH+
CH-
MENU
S702 QSW0619-003Z
S701 QSW0619-003Z
S703
S704 QSW0619-003Z
S705 QSW0619-003Z
D704 SLR-342VR-T16 POWER
TIMER
D705 SLR-342DU-T16
IC704 PIC-47143SY IR DETECT UNIT
GND Vcc OUT
C719 1/50
R703 3.9k
Q709 SW
D701
C701 10/50
R702 6.8k
R701 5.6k
IC702 AT24C08-21DMG3 MEMORY
SDA SCL NP VDD VSS A2 A1 A0
C709 .01
IC703 L78LR05E-MA 5V REG&RESET
IN CD GND RESET OUT
C705 470/16
C706 .01
C707 .01
C708 1000/10
TRESET
TDA
TEXT/OTH
D801
IC701 MICOM
TEXT/OTH NC A_MUTE VOL ALC ON/OFF TEXT RESET TV/V NC NC GND LED[TIM] LED[POW] AFT ECO IN KEY2 KEY1 NC BUS_FREE SCL2 SDA2 REMOCON
PROTECT P_ON/OFF LOCK 3.58/OTH 4.5/OTH H_SYNC I/II OSD_Ys OSD_B OSD_G OSD_R NC RST V_SYNC TCLOCK SDA1 SCL1 VDD OSC1 OSC2 VSS
K703 BW
K704 BW
C729 180p CH
X701 QAX0307-001
L701 5.6 QQL244J-5R6Z
Q702 SW
Q703 SW
Q704 X SW
Q701 X SW
Q708 SW
Q710 SW
CP701 BW
R723 27 3WOMR QRL039J-270
A PROT
P_ON/OFF
3.58/OTH
OSD_YS
OSD_B
OSD_G
OSD_R
TCL
SCL1
BUS_FREE
PIC_MUTE
SDA1
SDA2 SCL2
AFT
STB_PW
X RAY
IC821 SDA5553-V006 TEXT
VSYNC/BSC NC VDD2.5V VSS VDD 3.3V CVBS VDDA2.5 VSSA HS VS ODD/EVEN TCLOCK TDATA TEXT/OTH
VDD3.3V VSS VDD2.5V OSD_YS OSD_B OSD_G OSD_R VDDA2.5V VSSA XTAL1 XTAL2 RST
Y801
Y802 BW
EF801 X
EF802 X
L821 4.7 NQL092K-4R7X
L822 4.7 NQL092K-4R7X
L823 4.7 NQL092K-4R7X
L827 4.7 NQL092K-4R7X
X821 QAX0669-001Z
ODD/EVEN
IC822 PQ2L3252MS-X
IC822 REG.IC
L828 4.7 QQL244K-8R2Z
C831 QFV71HJ-104Z
Q826 INVERTER
Q821 INVERTER
Q822 INVERTER
Q824 INVERTER
Q825 INVERTER
LINE_V
TEXT/OTH
Q373 SW
IC371 TC4053BP(N) RGB SW
VDD BO B0 B1 B2 A B C
R1 R2 G1 GO G2 INH VEE VSS
Q371
Q372 Ys SW
Ys SW
Y371
Y372
Y373
Y374
TEXT_R
GO
TEXT_G
FRONT
A_IN
V_IN
J006 X
J004 CEMN065-002 OR QNN0281-002
J003 CEMN065-001 OR QNN0281-003
J002 QNN0384-001
REAR
V_OUT
A_OUT
VIDEO
AUDIO
R810 56 1W OMR QRG01GJ-560
Q803 2SC1815(YG)-T BUFFER
LINE_V
R815 180 1/2W
Q804 SW
LINE_A
A_MUTE
C841 1500p
IC301 FBP SDA VSS SCP VDD[5V]
VPP SCL C.APC1 ABCL EXT Ys
D731
D303 MA3091(M)-X
V_SYNC
Y161 BW
Y975 BW
Y001 X
Y002 BW
D341
D791 X
D792 X
D793 X
D794 X
D795 X
CN00C X
5V
ODD/EVEN
STB_PW
A_GND
A_VCC
X_RAY
P_ON/OFF
A PROT
FBP
H_VCC
H_OUT
V_OUT
V_SYNC
9V
ABL
[AV-14FMT3, AV-1435TEE]


SP01
QAS0054-001
S3
S4
S5
CN0S3
WJK0136-002A
CN0S4
CN0S5
PC701
P1241-04
ECO SENSOR
J005
QNS0197-001
HEADPHONE
Q709
SW
R703 3.9k
D701
C701 10/50
R702 6.8k
R701 5.6k
IC703
L78LR05E-MA
5V REG&RESET
IN
CD
GND
RESET
5V OUT
C705 470/16
C706 .01
C707 .01
C708 100/10
IC651 AN5265 AUDIO AMP
DC ATT
AUDIO OUT
MUTE
Vcc1
IN
VOL
FB
GND
OUT
Acc2
R662 270 1/2W
R661 270 1/2W
R668 5.6 QRT029J-5R6
D655
C664 100/16
R667 100 1/2W
D654
D652
D651
R664 6.8k
C663 .001
C655 10/50
C656 1/50 BP
R665 10k
D653
R656 8.2k
R654 22k
C658 220/25
R660 15k
C654 470/16
R653 330
R659 4.7 1/2W
R652 1k NRSA63J-102X
C653 10/50
C665 .01
Q653 MUTE
D656
C657 100/25
R655 47k
D657
R658 2.2k
R657 2.2k
Q652 SW
Q651 SW
R651 4.7k
C651 OPT
C652 .047
LB
AFT
STB_PW
CP701 BW
R723 27 3WOMR QRL039J-270
A_MUTE
A_GND
A_VCC
A_PROT
VOL
LINE_V
AUDIO
VIDEO
LINE_A
PIC_MUTE
D731
V_SYNC
Y976
D305 AK04-T2
Q302 BUFFER
Q301 BUFFER
R321 1.5k
C314 .01
C315 100/16
C321 12p CH
D501
C504
X302 CE41651-001Z
D303 MA3091/M/-X
D306
R314 1k
R313 1k
R323 10k
R327 4.7M
Y301
Y302
C162 1500p
C323 0.47/50
D301
R324 1k
C324 10/50
R325 X
C161
R163
Y160
C164
Q161 AMP
C166
R161
R164
R165
R162
R166
CF161
CF162 X
C165
FBP
C308 100/16
C309 .01
V_OUT
R401 10k
C402 X TF
C437 .1
C503 10/50
C502 .01
R503 6.8k
C401 .47 TF
C316 10/50
C501 470/10
C312 47/50
C313 3.3/50
C317 .047/25
R322 2.7k
R312
R307 1.2k
R306 220
R308 1.8k
A1
Y161 BW
Y975 BW
Y001 X
Y002 BW
IC301
NN5198K
DECODE
FBP
SDA
VSS
SCP
VDD[5V]
Ver.AGC
Vout
SAW Tooth
AUDIO Decoupling
H AFC1
Hout
HVcc
3.58MHz
Hsync_IN
Y/Vsync_IN
C.APC2
VIDEO_OUT
Vcc[5V]
VIFDet out
CHHOMA Vcc(9V)
De-emphasis
Black Level
AUDIO_OUT
AUDIO_IN
SIF_IN
QDetout
VPP
SCL
C.APC1
ABCL
EXT Ys
EXT R
EXT G
EXT B
VCJ Vcc(9V)
R_OUT
G_OUT
B_OUT
VCJ GND
4.43MHz
SECAM PLL ref
V/SIF Vcc(9V)
SECAM BELL ref
SAW
SAW
V/SIF GND
QSS_IN
RF AGCout
AFTout
VIC IN
IF_AGC
VAPC
L1
R301 220
C301 .012
C302 4.7/50
R302 4.7k
C341 10/50
D341
R341 3.3K
C365 1/50 BP
C366 1/50 BP
C367 1/50 BP
RO
GO
BO
R303 220
R304 220
R305 220
C303 10p CH
X301 QAX0705-001Z
C304 .47/50 TF
C305 .47/50
C326 220p
C113 .0047
C112 47/25
L103 8.2 QQL244K-8R2Z
C119 .47/50
C120 120p CH
R120 390
C117 22 TF
D302
R326 100
C325 10/50 BP
C115 .01
C122 .01
R121 220
C116 .01
L104 X
SF101 X SAW FILTER
SF122 QAX0325-001 SAW FILTER
C121 .01
L101 QQL244J-2R2Z
R159 180k
R160 X
R158 X
AFT
C306 .01
C307 470/16
CN00T CHGC05-340-G
R G B GND 9V
SF102 SAW FILTER
C114 .01
C111 X
C110 0
D102
R114
R118
R116 X
R117
R115
C107 .0047
C106 .0047
Q102 AMP
R111 180
R109 6.8k
C104 .0047
R103 10
C103 47/25
R112
R110 2.7k
CF103 X
CF102 X
C105 .0047
R113 100
Q103 SW
C108 X
C109
3.58 OTH
SCL1
SDA1
SCL2
SDA2
BUS_FREE
R793 220
R792 220
R794 220
D791 X
D792 X
D793 X
D795 X
D794 X
R791 220
R795 220
CN00C X
ABL
32V
TU001 QAU0287-001
IF
NC
BTPS(32)
LOCK
5V
BM
SDA
SCL
AS
BT
NC
AGC
L001 8.2 QQL244K-8R2Z
C003
C004 470/16
K001 BW
D001
C002
C001
MTZJ33A-T2
R001 X
5V REG
L002
C009 X
C005
C006 X
IC001 X
R002 220
R003 220
R004 56k
C007
C008 4.7/50
IC301 (36)
2 Vp-p (H)
IC301
(39)
2 Vp-p (H)
(42)
2.5 Vp-p (H)
(46)
2.2 Vp-p (V)
IC301 (10)
3 Vp-p (H)
IC301 (11)
3.4 Vp-p (H)
IC301 (12)
3.4 Vp-p (H)

MAIN PWB (1/2)

SCG-1404A-H2
(AV-14FMT3)

SCG-1419A-H2
(AV-1435TEE)

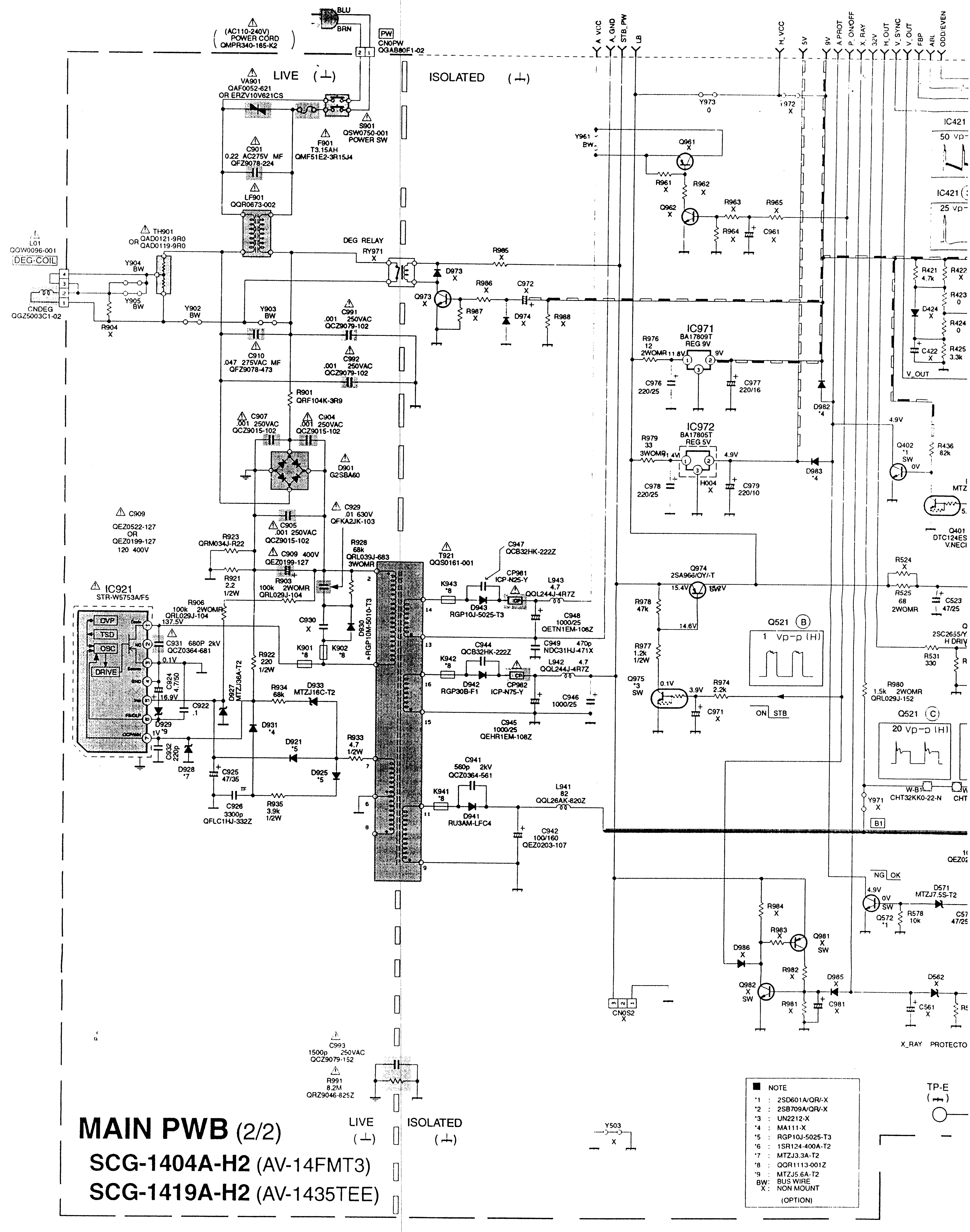
NOTE

*1	2SD601A/QR-X
*2	2SB709A/QR-X
*3	UN2212-X
*4	MA111-X
*5	MTZJ9.1B-T2
*6	MTZJ6.8C-T2
*7	MTZJ12C-T2
*8	UN2112-X
*9	QSF0621-002Z
*10	2SC5083/L-P-T

DIFFERENCE LIST(*PARTS)

	14FMT3	1435TEE
*	SCG-1404A-H2	SCG-1419A-H2
SF102	QAX0731-001	QAX0666-002
CF161	QAX0642-001Z	X
Q103	*3	X
Q161	*1	X
D102	MA859-T2	BW
Y160	BW	X
R112	NRSA63J-220X	NRSA63J-100X
R114	NRSA63J-472X	X
R115	NRSA63J-222X	X
R117	NRSA63J-1R0X	X
R119	NRSA63J-222X	X
R161	NRSA63J-122X	X
R162	NRSA63J-122X	X
R163	NRSA63J-222X	X
R164	NRSA63J-221X	X
R165	NRSA63J-220X	X
R166	NRSA63J-821X	X
C109	NCB31HK-472X	X
C161	NCB31HK-103X	X
C164	NCB31HK-103X	X
C165	NCB31HK-103X	X
C166	NCB31HK-104X	X
⚠ IC701	MN18732 87JJ1	MN18732 87JK1

MAIN PWB CIRCUIT DIAGRAM (2/2) [AV-14FMT3, AV-1435TEE]

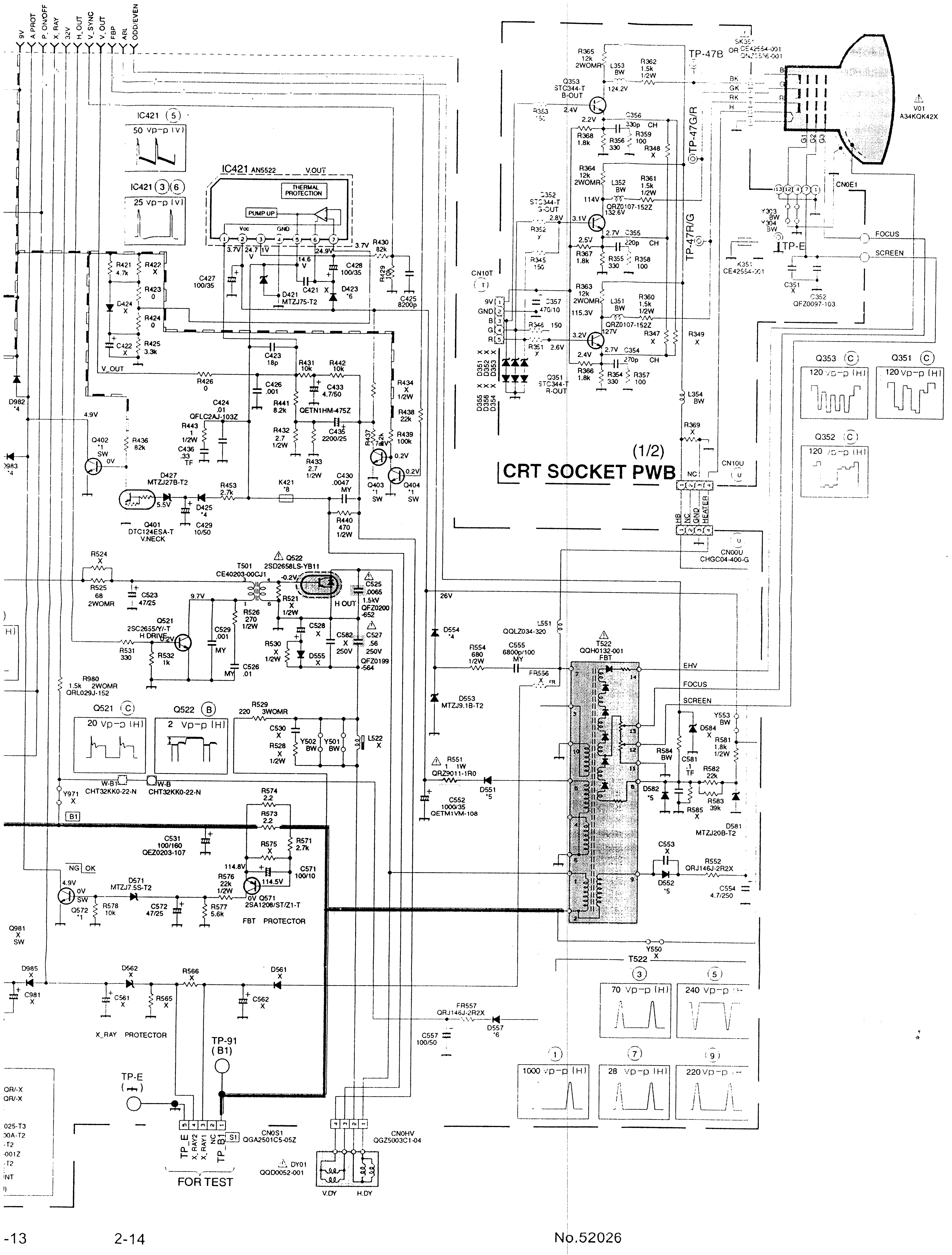

(AC110-240V) POWER CORD QMPR340-165-K2
BLU
BRN
PW
CN0PW QGAB80F1-02
LIVE
ISOLATED
VA901 QAF0052-621 OR ERZV10V621CS
S901 QSW0750-001 POWER SW
F901 T3.15AH QMF51E2-3R15J4
C901 0.22 AC275V MF QFZ9078-224
LF901 QQR0673-002
TH901 QAD0121-9R0 OR QAD0119-9R0
L01 QQW0096-001
DEG-COIL
CNDEG QGZ5003C1-02
Y904 BW
Y905 BW
R904 X
Y902 BW
Y903 BW
DEG RELAY
RY971 X
D973 X
R985 X
R986 X
C972 X
Q973 X
R987 X
D974 X
R988 X
C991 .001 250VAC QCZ9079-102
C910 .047 275VAC MF QFZ9078-473
C992 .001 250VAC QCZ9079-102
R901 QRF104K-3R9
C907 .001 250VAC QCZ9015-102
C904 .001 250VAC QCZ9015-102
D901 G2SBA60
C909 QEZ0522-127 OR QEZ0199-127 120 400V
C929 .01 630V QFKA2JK-103
C905 .001 250VAC QCZ9015-102
R923 QRM034J-R22
C909 400V QEZ0199-127
R928 68k QRL039J-683 3WOMR
R921 2.2 1/2W
R903 100k 2WOMR QRL029J-104
IC921 STR-W5753A/F5
R906 100k 2WOMR QRL029J-104
137.5V
OVP
TSD
OSC
DRIVE
C931 680P 2kV QCZ0364-681
0.1V
C924 4.7/50
16.9V
C922 .1
D929
1V *9
C932 220p
D928 *7
D927 MTZJ36A-T2
R922 220 1/2W
C930 X
K901 *8
K902 *8
D930 RGP10M-5010-T3
R934 68k
D933 MTZJ16C-T2
D931 *4
D921 *5
R933 4.7 1/2W
D925 *5
C925 47/35
C926 3300p QFLC1HJ-332Z
R935 3.9k 1/2W
T921 QQS0161-001
C947 QCB32HK-222Z
CP981 ICP-N25-Y
L943 4.7 QQL244J-4R7Z
K943 *8
D943 RGP10J-5025-T3
C948 1000/25 QETN1EM-108Z
C949 470p NDC31HJ-471X
C944 QCB32HK-222Z
K942 *8
L942 4.7 QQL244J-4R7Z
D942 RGP30B-F1
CP982 ICP-N75-Y
C946 1000/25
C945 1000/25 QEHR1EM-108Z
C941 560p 2kV QCZ0364-561
K941 *8
L941 82 QQL26AK-820Z
D941 RU3AM-LFC4
C942 100/160 QEZ0203-107
C993 1500p 250VAC QCZ9079-152
R991 8.2M QRZ9046-825Z
A_VCC
A_GND
STB_PW
LB
H_VCC
5V
9V
A PROT
P_ON/OFF
X_RAY
32V
H_OUT
V_SYNC
V_OUT
FBP
ABL
ODD/EVEN
Y973 0
Y972 X
Y961 BW
Q961 X
R961 X
R962 X
Q962 X
R963 X
R964 X
R965 X
C961 X
IC971 BA17809T REG 9V
R976 12 2WOMR
11.8V
9V
C976 220/25
C977 220/16
D982 *4
IC972 BA17805T REG 5V
R979 33 3WOMR
11.4V
4.9V
C978 220/25
H004 X
C979 220/10
D983 *4
Q974 2SA966/OY/-T
15.4V
R978 47k
R977 1.2k 1/2W
14.6V
Q975 *3 SW
0.1V
3.9V
R974 2.2k
C971 X
ON STB
Q521 (B)
1 Vp-p (H)
Q521 (C)
20 Vp-p (H)
CN0S2 X
R984 X
R983 X
Q981 X SW
D986 X
R982 X
D985 X
Q982 X SW
R981 X
C981 X
IC421
50 Vp-
IC421
25 Vp-
R421 4.7k
R422 X
R423 0
D424 X
R424 0
C422 X
R425 3.3k
V_OUT
4.9V
Q402 *1 SW
0V
R436 82k
Q401 DTC124ES
V.NECI
R524 X
R525 68 2WOMR
C523 47/25
2SC2655/Y
H DRIV
R531 330
R980 1.5k 2WOMR QRL029J-152
W-B1
CHT32KK0-22-N
Y971 X
B1
NG OK
4.9V
0V
SW
Q572 *1
R578 10k
D571 MTZJ7.5S-T2
D562 X
C561 X
X_RAY PROTECTO
TP-E
Y503 X

MAIN PWB (2/2)

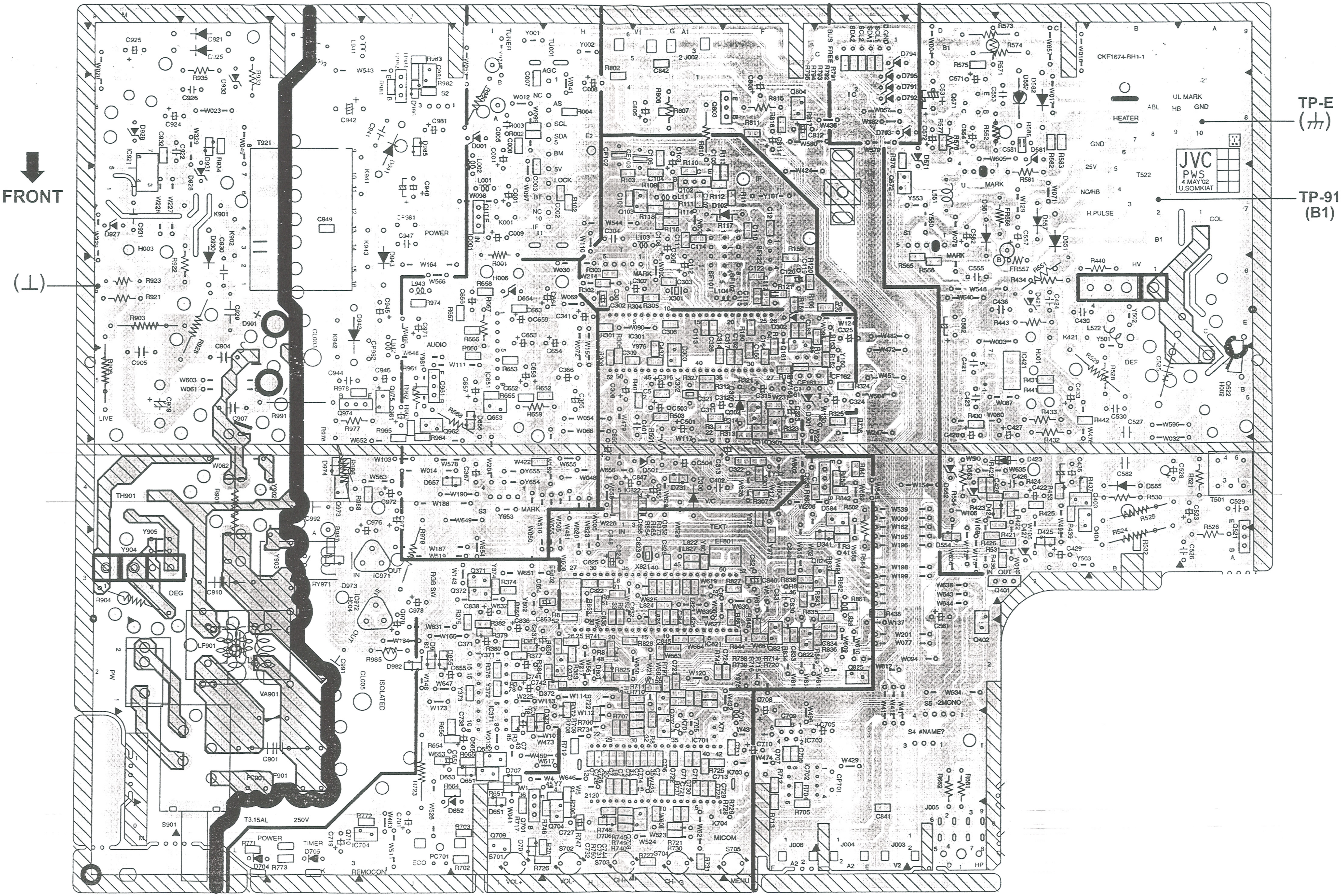
SCG-1404A-H2 (AV-14FMT3)
SCG-1419A-H2 (AV-1435TEE)

■ NOTE

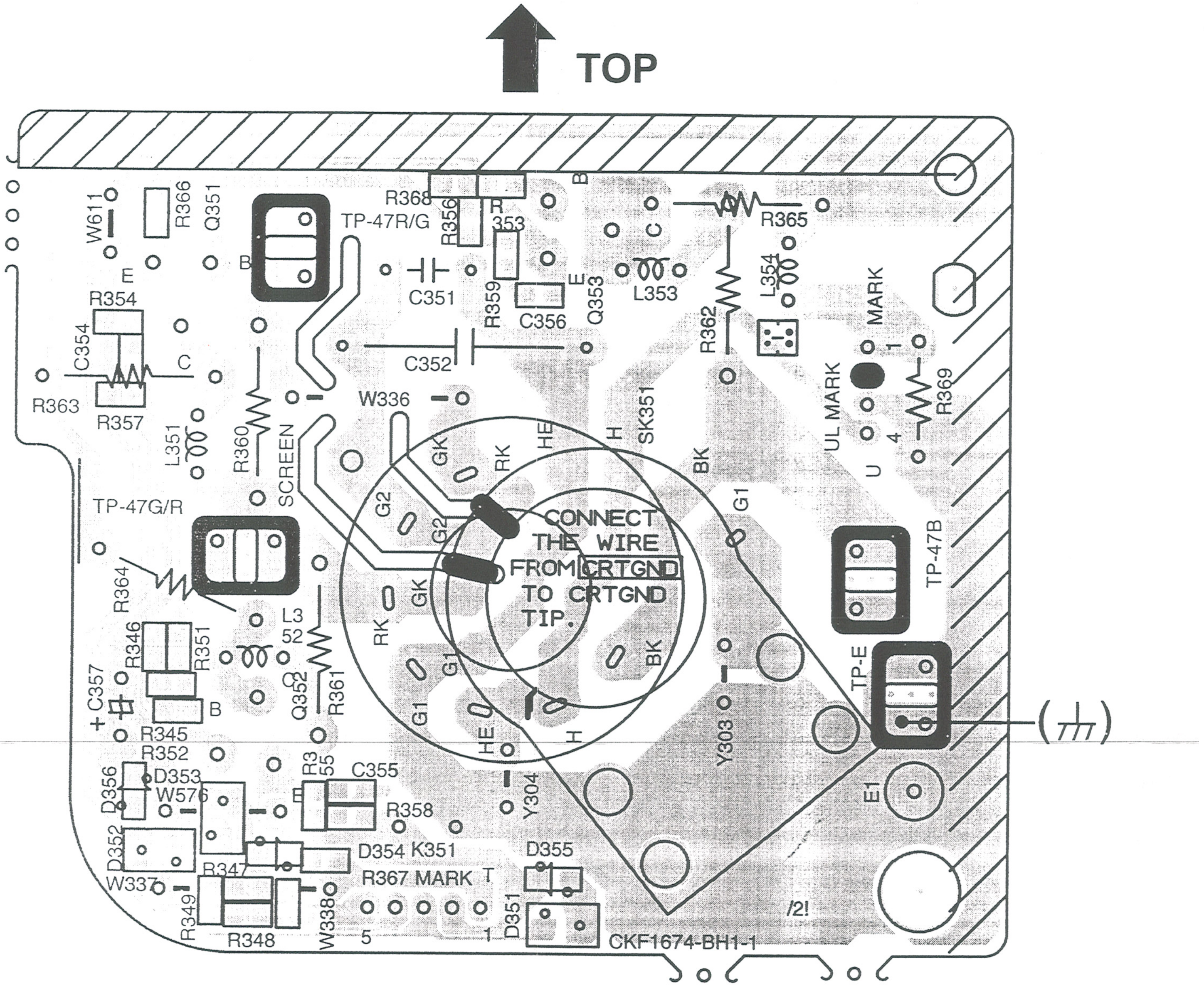
*1	:	2SD601A/QR/-X
*2	:	2SB709A/QR/-X
*3	:	UN2212-X
*4	:	MA111-X
*5	:	RGP10J-5025-T3
*6	:	1SR124-400A-T2
*7	:	MTZJ3.3A-T2
*8	:	QQR1113-001Z
*9	:	MTZJ5.6A-T2
BW	:	BUS WIRE
X	:	NON MOUNT (OPTION)


9V
A.PROT
P. ON/OFF
X_RAY
32V
H_OUT
V_SYNC
V_OUT
FBP
ABL
ODD/EVEN
IC421 ⑤
50 Vp-p (V)
IC421 ③⑥
25 Vp-p (V)
IC421 AN5522
V.OUT
THERMAL PROTECTION
PUMP UP
Vcc
GND
3.7V
24.7V
1V
14.6V
24.9V
R430 82k
C428 100/35
D423 *6
C425 8200p
C427 100/35
D421 MTZJ75-T2
C421 X
R421 4.7k
R422 X
R423 0
R424 0
R425 3.3k
D424 X
C422 X
V_OUT
R426 0
C423 18p
R431 10k
R442 10k
C433 4.7/50
C426 .001
R441 8.2k
QETN1HM-475Z
C424 .01
QFLC2AJ-103Z
R443 1 1/2W
C436 .33 TF
R432 2.7 1/2W
C435 2200/25
R433 2.7 1/2W
R434 X 1/2W
R438 22k
R437 2.7k
R439 100k
Q403 *1 SW
Q404 *1 SW
0.2V
D982 *4
D983 *4
4.9V
Q402 *1 SW
0V
R436 82k
D427 MTZJ27B-T2
5.5V
R453 2.7k
K421 *8
C430 .0047 MY
D425 *4
C429 10/50
R440 470 1/2W
Q401 DTC124ESA-T V.NECK
R524 X
R525 68 2WOMR
C523 47/25
T501 CE40203-00CJ1
Q522 2SD2658LS-YB11
-0.2V
R521 X 1/2W
H OUT
C525 .0065 1.5kV QFZ0200-652
9.7V
R526 270 1/2W
C528 X
C582 X 250V
C527 .56 250V QFZ0199-564
Q521 2SC2655/Y/-T H DRIVE
R531 330
R532 1k
C529 .001 MY
C526 .01 MY
R530 X 1/2W
D555 X
R980 1.5k 2WOMR QRL029J-152
Q521 Ⓒ 20 Vp-p (H)
Q522 Ⓑ 2 Vp-p (H)
R529 220 3WOMR
C530 X
R528 X 1/2W
Y502 BW
Y501 BW
L522 X
W-B1
W-B
CHT32KK0-22-N
Y971 X
B1
R574 2.2
R573 2.2
R575 X
R571 2.7k
C531 100/160 QEZ0203-107
114.8V
114.5V
C571 100/10
NG OK
Q572 *1 SW
D571 MTZJ7.5S-T2
R578 10k
C572 47/25
R576 22k 1/2W
R577 5.6k
Q571 2SA1206/ST/Z1-T
FBT PROTECTOR
Q981 X SW
D985 X
C981 X
D562 X
C561 X
R565 X
R566 X
D561 X
C562 X
X_RAY PROTECTOR
TP-91 (B1)
TP-E
CN0S1 QGA2501C5-05Z
S1
TP_E
X_RAY2
X_RAY1
NC
TP_B1
FOR TEST
DY01 QQD0052-001
CN0HV QGZ5003C1-04
V.DY
H.DY
FR557 QRJ146J-2R2X
D557 *6
C557 100/50
26V
D554 *4
R554 680 1/2W
C555 6800p/100 MY
FR556 X FR
L551 QQLZ034-320
D553 MTZJ9.1B-T2
R551 1 1W QRZ9011-1R0
D551 *5
C552 1000/35 QETM1VM-108
T522 QQH0132-001 FBT
EHV
FOCUS
SCREEN
Y553 BW
D584 X
R581 1.8k 1/2W
R584 BW
C581 .1 TF
R582 22k
R583 39k
D582 *5
R585 X
D581 MTZJ20B-T2
C553 X
R552 QRJ146J-2R2X
D552 *5
C554 4.7/250
Y550 X
T522
③ 70 Vp-p (H)
⑤ 240 Vp-p (H)
① 1000 Vp-p (H)
⑦ 28 Vp-p (H)
⑨ 220 Vp-p (H)
R365 12k 2WOMR
L353 BW
R362 1.5k 1/2W
124.2V
Q353 STC344-T B-OUT
R353 150
2.4V
2.2V
C356 330p CH
R368 1.8k
R356 330
R359 100
R348 X
R364 12k 2WOMR
L352 BW
R361 1.5k 1/2W
114V
QRZ0107-152Z
132.6V
Q352 STC344-T G-OUT
2.8V
3.1V
R352 X
2.5V
C355 220p CH
2.7V
R367 1.8k
R355 330
R358 100
R345 150
R363 12k 2WOMR
L351 BW
R360 1.5k 1/2W
115.3V
127V
C357 470/10
R346 150
R351 X
2.6V
3.2V
R347 X
R349 X
2.4V
C354 270p CH
R366 1.8k
R354 330
R357 100
Q351 STC344-T R-OUT
D351 D352 D353 X X X
D355 D356 D354 X X X
CN10T
9V
GND
B
G
R
TP-47B
TP-47G/R
TP-47R/G
SK351 OR CE42554-001 QNZ0506-001
BK
GK
RK
H
V01 A34KQK42X
G1 G2 G3
CN0E1
Y303 BW
Y304 BW
TP-E
FOCUS
SCREEN
K351 CE42554-001
C351 X
C352 QFZ0097-103
L354 BW
R369 X
(1/2)
CRT SOCKET PWB
CN10U
NC
HB
GND
HEATER
CN00U CHGC04-400-G
Q353 Ⓒ 120 Vp-p (H)
Q351 Ⓒ 120 Vp-p (H)
Q352 Ⓒ 120 Vp-p (H)
QR/-X
QR/-X
025-T3
00A-T2
-T2
-001Z
-T2
INT

PATTERN DIAGRAMS *MAIN PWB PATTERN*


FRONT
(⊥)
TP-E
(⏚)
TP-91
(B1)
JVC
PWS
4.MAY'02
U.SOMKIAT
CKF1674-RH1-1
TUNER
POWER
AUDIO
ISOLATED
MICOM
REMOCON
T3.15AL
250V
HEATER
UL MARK
VOL+
VOL-
CH+
CH-
MENU

CRT SOCKET PWB PATTERN


TOP
W611
R366
Q351
R368
TP-47R/G
R356
R 353
B
R365
C
E
B
C351
R359
C356
E
Q353
L353
L354
R362
MARK
R354
C354
C
C352
R363
R357
W336
SK351
H
HE
RK
GK
BK
UL MARK
1
R369
4
U
L351
R360
SCREEN
G2
G2
G1
TP-47G/R
CONNECT THE WIRE FROM CRTGND TO CRTGND TIP.
TP-47B
R364
GK
RK
L3 52
R346
R351
R361
Q352
G1
BK
TP-E
C357
B
G1
HE
H
Y303
R345
R352
R3 55
C355
Y304
E1
D356
D353
W576
E
R358
D352
D354 K351
D355
W337
R347
R367 MARK
T
R349
W338
D351
R348
5
1
/2!
CKF1674-BH1-1